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1891

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ILLUSTRATED CATALOGUE

OF

JOHN H. GRAHAM & Co.,

HARDWARE MANUFACTURERS

AND

MANUFACTURERS' AGENTS

EXCLUSIVELY.

113 CHAMBERS AND 95 READE STREETS,

NEW YORK, U. S. A.

1891.

JOHN H. GRAHAM.

WILLIAM A. GRAHAM.

MORTIMER L. WILLIAMS,
STATIONER AND PRINTER,
No. 28 ELM STREET.
NEW YORK.

MORTIMER L. WILLIAMS,
STATIONER AND PRINTER,
No. 28 ELM STREET,
NEW YORK.

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TO THE HARDWARE TRADE.

We have the pleasure of presenting to the Trade a new and enlarged edition of our Illustrated Catalogue and Price List of the Manufactures represented by us, to which we invite attention.

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113 Chambers Street,

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P. O. Box 1042.

NEW YORK, U. S. A.

New York, September 1st, 1891.

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Page 120.	Hind. axe, $2\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{2}$, special,	should read, \$0.18 per lb.
" 120.	" " $3 \times 2 \times \frac{1}{2}$ to 1, small,	" .10 "
" 120.	" " $4 \times 2 \times \frac{3}{4}$ to $1\frac{1}{4}$, large,	" .08 "
" 121.	Ark., assorted A, No. 1,	" 2.80 "
" 121.	" " B, No. 1,	" 3.50 "
" 121.	" jewelers', No. 1,	" 3.40 "
" 121.	" round edge slips, No. 1, small,	" 7.00 "
" 121.	" knife blade,	" 6.00 per dz.
" 122.	" stone mounted, 5×2 ,	" 24.00 "
" 122.	" " $4 \times 1\frac{1}{2}$,	" 14.00 "
" 122.	" wheels, $1\frac{1}{4}$ to 5 inch,	" 2.40 per in.
" 123.	Washita stone, extra, blue paper wrapper,	should not be listed.
" 123.	" " No. 1,	should read, .40 per lb.
" 123.	" " No. 2,	should read, .24 per lb.
" 123.	" " mounted, 4 inch,	" 7.00 per dz.
" 123.	" " $3\frac{1}{2}$ inch,	" 5.00 "
" 124.	Hind. stone, 8×2 to $2\frac{1}{2} \times \frac{3}{4}$ to $1\frac{1}{2}$,	" .08 per lb.
" 124.	" " Washita finish, 8×2 to $2\frac{1}{4} \times \frac{3}{4}$ to $1\frac{1}{4}$,	" .10 "
" 124.	" plain slips,	should read, \$8.00 per gross or .10 per lb.

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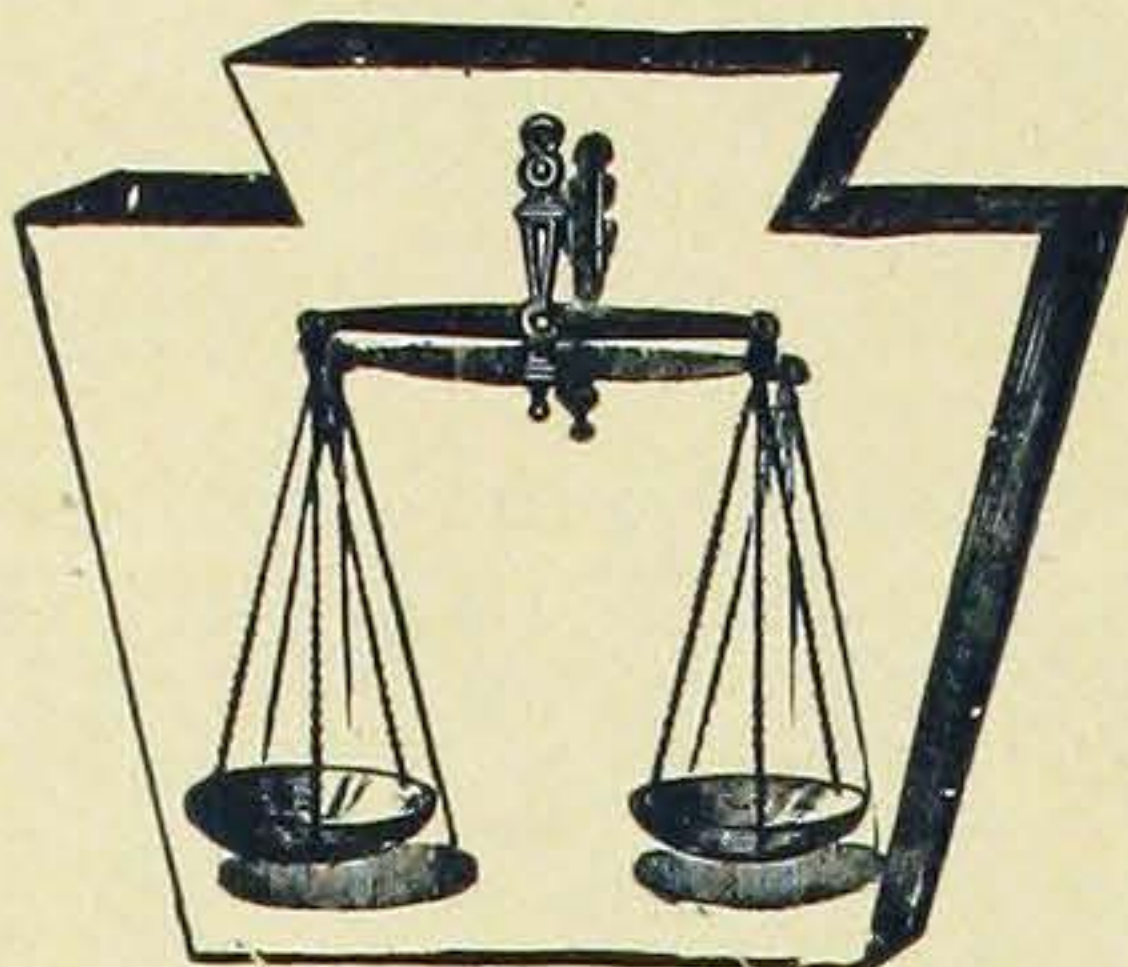
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DEPOT FOR HENRY DISSTON & SONS'

Saw, Tool, Steel



and File Works.

TERMS OF WARRANTY.

EACH Saw is warranted perfectly true, or as true as it is possible to make it, free from flaws and seams. If found to be defective in either of these particulars, it may be returned, and if on examination we are satisfied the saw is at fault, all necessary repairs will be made free of charge, or a new saw will be given in exchange, provided it is returned within sixty days from delivery.

The practice of using a cold-chisel or punch for retoothing a saw is almost certain to distort or crack the plate, and **corners filed square in the gullet of the tooth will frequently produce the same result**, particularly in frosty weather. Our warranty does not cover saws breaking from either of these causes.

Mill-men and manufacturers of Lumber should read our Lumbermen's Hand-Book; furnished gratuitously on application.

N. B.—Parties desiring special saws cheaper than list price can have them made to order.

We guarantee to produce a **BETTER ARTICLE** at the **SAME PRICE** than any other house in the world.

HENRY DISSTON & SONS.

Conqueror Swage.

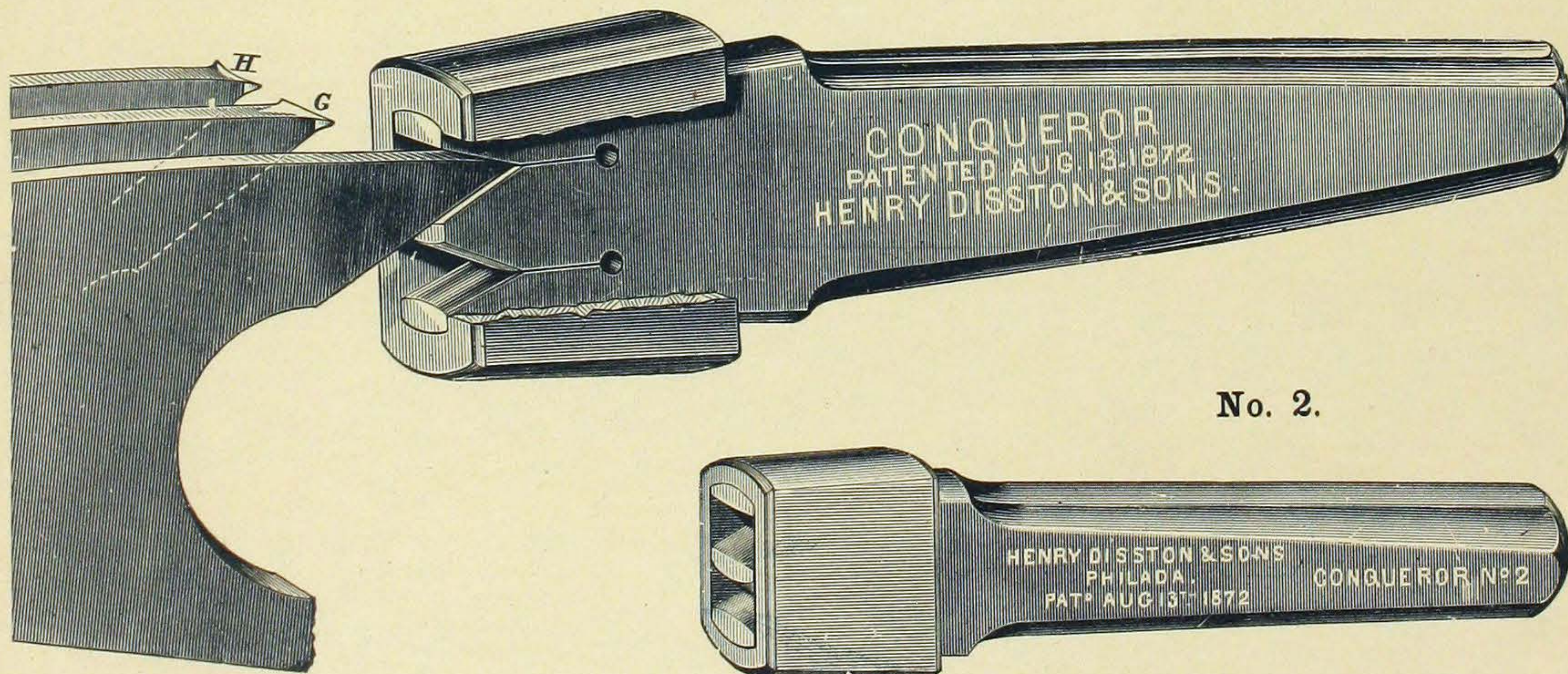


Price, No. 0,
No. 00,

\$3 50 each
4 00 "

The Conqueror Swage, Jumper or Upset.

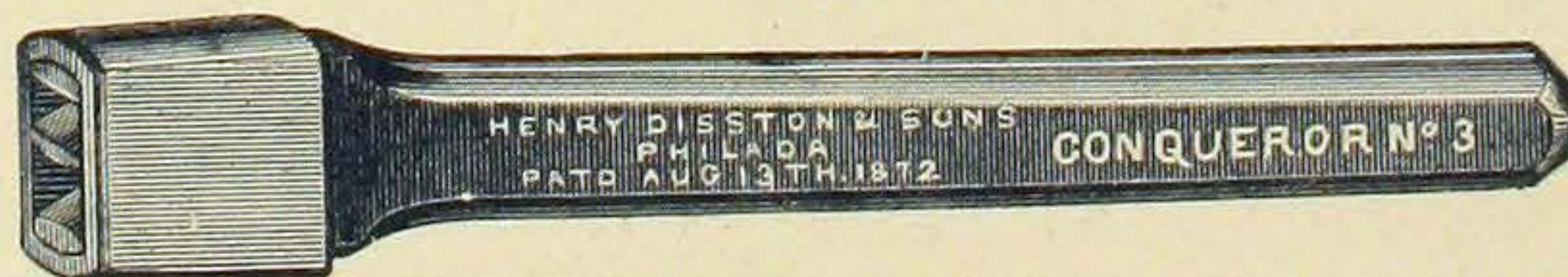
No. 1.



No. 2.

No. 3.

No. 1, As per cut, for large circular saws, \$3 00 each.
" 2, For small circular and mill saws, 2 50 "
" 3, For band saws and small circular saws, 2 00 "



Great American Tooth.

Price,

68 cents per foot.

Lumbermen Tooth.

Price,

68 cents per foot.

Diamond Tooth.

Price,

68 cents per foot.

Fleam Tooth.

Price,

68 cents per foot.

Lancet Tooth.

Price,

68 cents per foot.

Electric Tooth.

Price,

68 cents per foot.

Champion Tooth, No. 1.

Price,

68 cents per foot.

Champion Tooth, No. 2.

Price,

60 cents per foot.

Champion Tooth, No. 3.

Price,

52 cents per foot.

Tuttle Tooth.

Price,

68 cents per foot.

Plain Tooth, No. 1.

Price,

68 cents per foot.

Plain Tooth, No. 2.

Price,

60 cents per foot.

Plain Tooth, No. 3.

Price,

52 cents per foot.

Plain Tooth, No. 4.

Price,

45 cents per foot.

Hook Tooth, No. 2.

Price,

60 cents per foot

We will furnish single or double hook tooth in any of above saws at the same list price. All cross-cut saws over 8 feet in length 10 cents per foot extra.

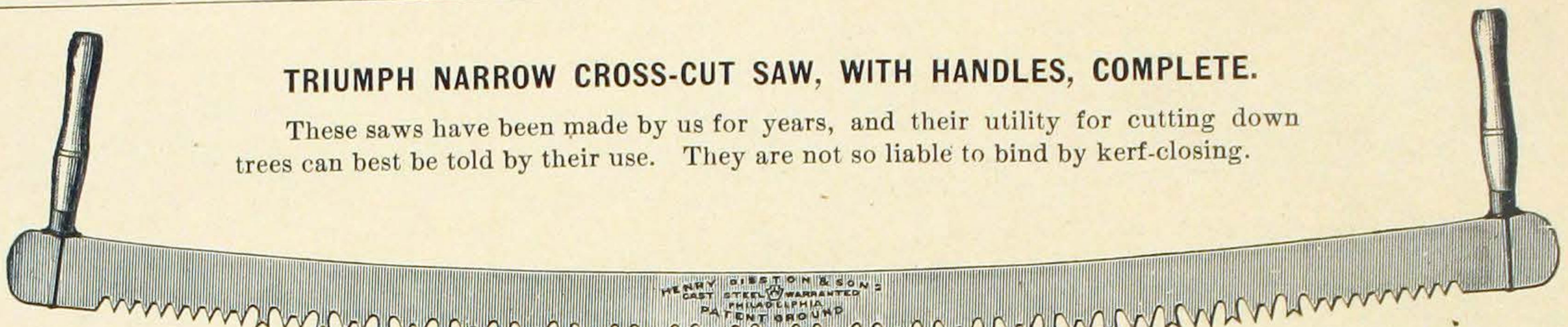
Humbolt.**California.****Toledo Blade.**

These saws are of even gauge on teeth from end to end, and ground five gauges thinner throughout the entire back than on the teeth, and will retain their gauge as the saw wears narrow, which feature no other saw possesses.

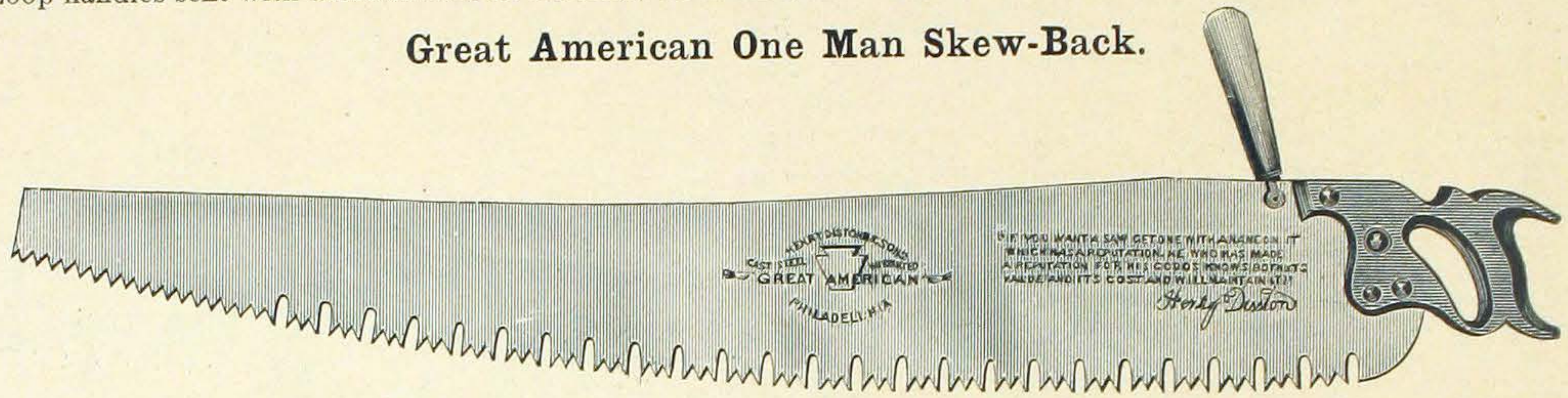
Our improved machinery and method of grinding insure an evenness that cannot be obtained by any other machine. The very best tough crucible steel that can be made is used in these saws, and each saw is set and sharpened, ready for use. They are papered and stripped so that they can be shipped separately.

TRIUMPH NARROW CROSS-CUT SAW, WITH HANDLES, COMPLETE.

These saws have been made by us for years, and their utility for cutting down trees can best be told by their use. They are not so liable to bind by kerf-closing.



Loop handles sent with these saws if so ordered; otherwise, reversible handles will be sent. Price, 44 cents per foot.

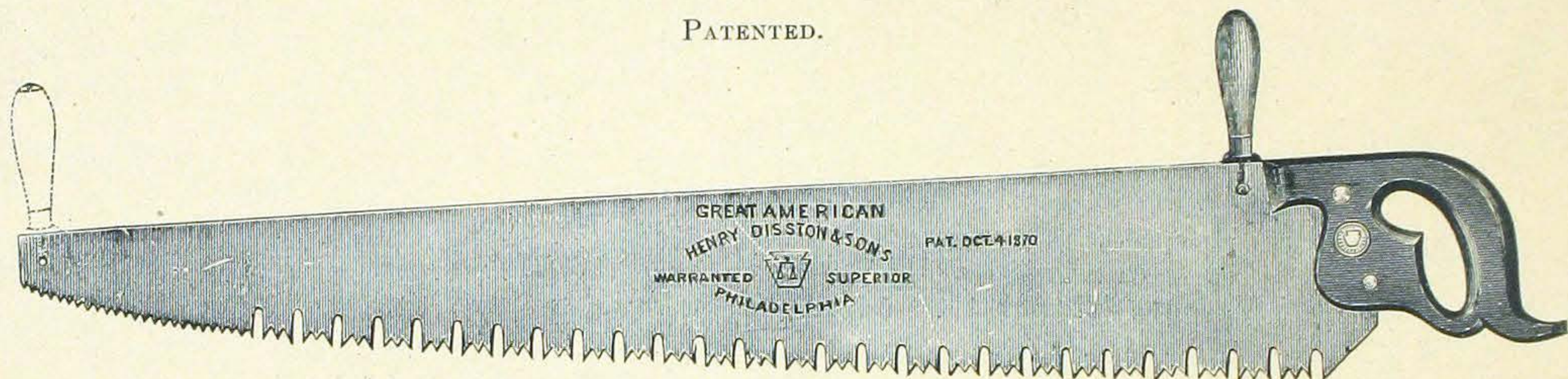
Great American One Man Skew-Back.

Price,	3 feet.	3½ feet.	4 feet.	4½ feet.	5 feet.	5½ feet.	6 feet.
	\$3 00	3 25	3 50	4 00	4 50	5 00	5 50 each.

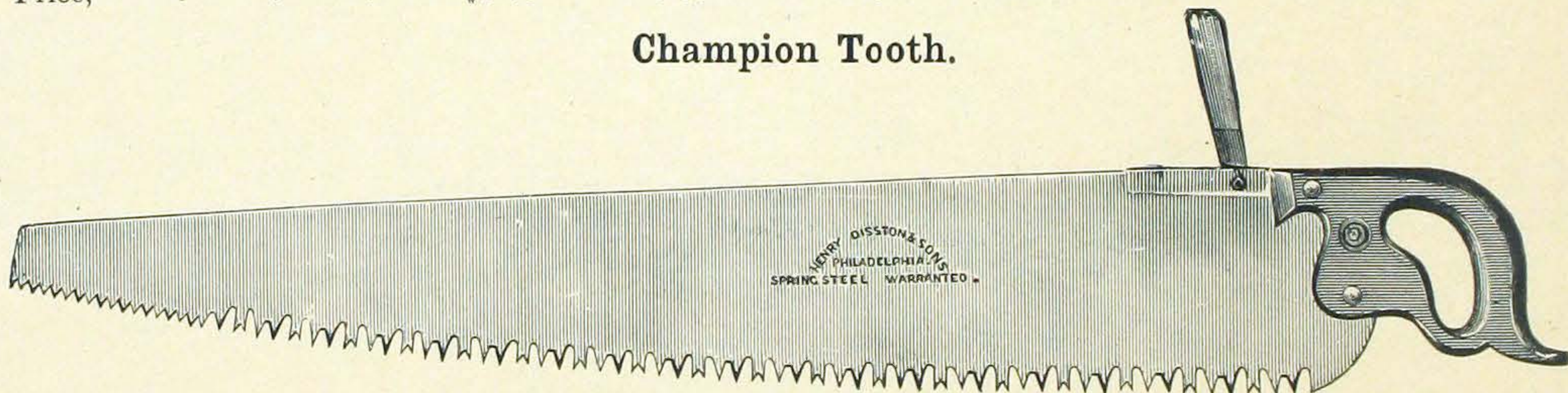
HENRY DISSTON & SONS' One Man Cross-Cut Saw.

GREAT AMERICAN, with Supplementary Handle.

PATENTED.



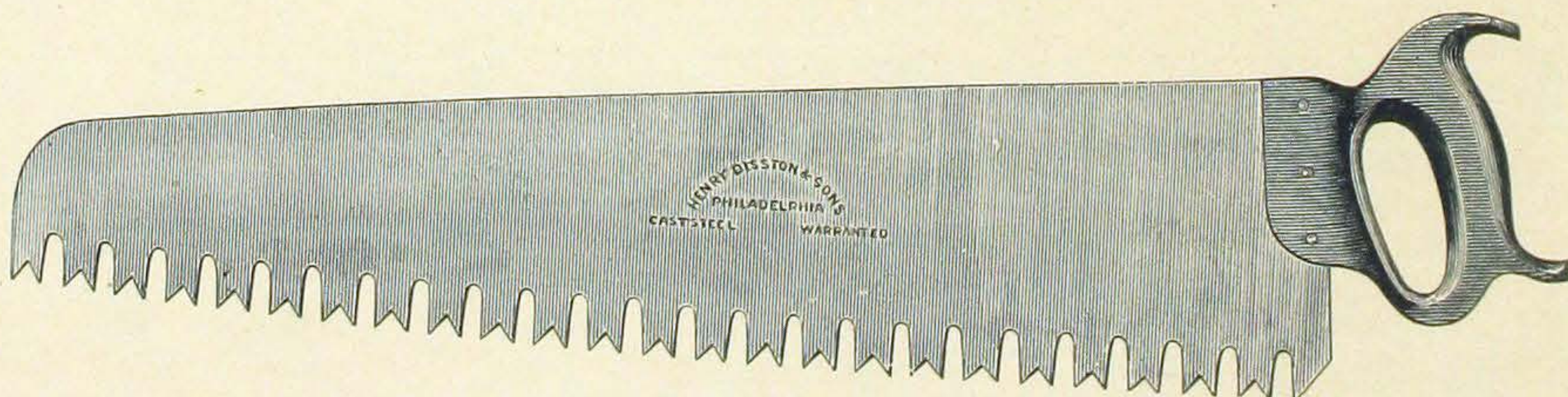
Price,	3 feet.	3½ feet.	4 feet.	4½ feet.	5 feet.	5½ feet.	6 feet.
	\$2 75	3 00	3 50	4 00	4 50	5 00	5 50 each.

Champion Tooth.

Price,	2½ feet.	3 feet.	3½ feet.	4 feet.	4½ feet.	5 feet.	5½ feet.	6 feet.
	\$2 10	2 35	2 60	3 15	3 50	3 85	4 25	4 65 each.

The above in quarter-dozen bundles.

These cuts represent cross-cut saws specially adapted to the use of one man. The Great American one man cross-cut saws are made and ground on the same principle as our No. 7 hand saws. We have lately improved the file for keeping this tooth in order, and it should be ordered with the saws.

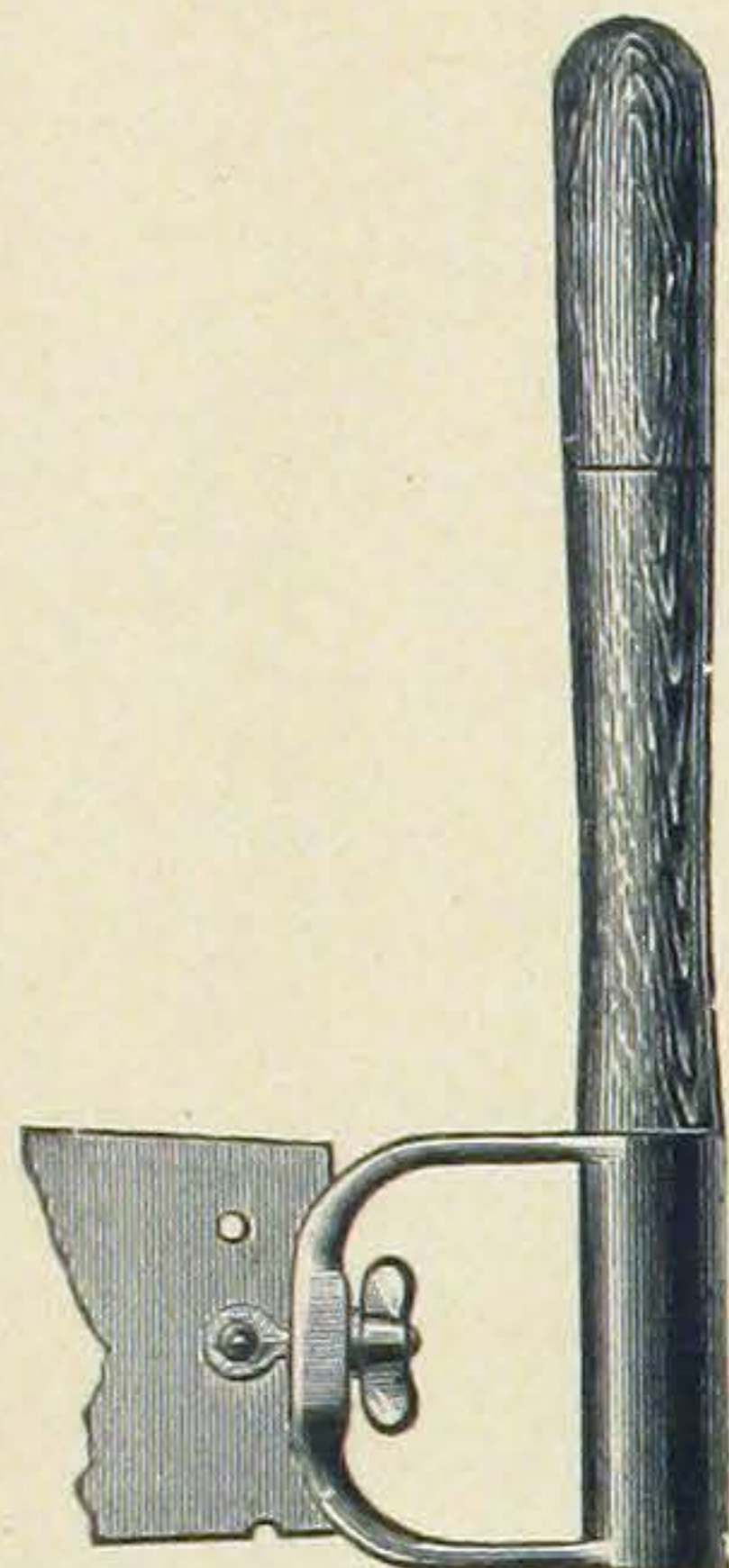
Ice Saw with Iron Handle.

Price,	24 inches.	26 inches.	28 inches.	30 inches.
	\$22 00	23 00	24 00	25 00 per dozen.

Ice Saws with Beech Handles, same price as above.

Patent Cross Cut Handles.

No. 1.



60 cents per pair.

No. 3.

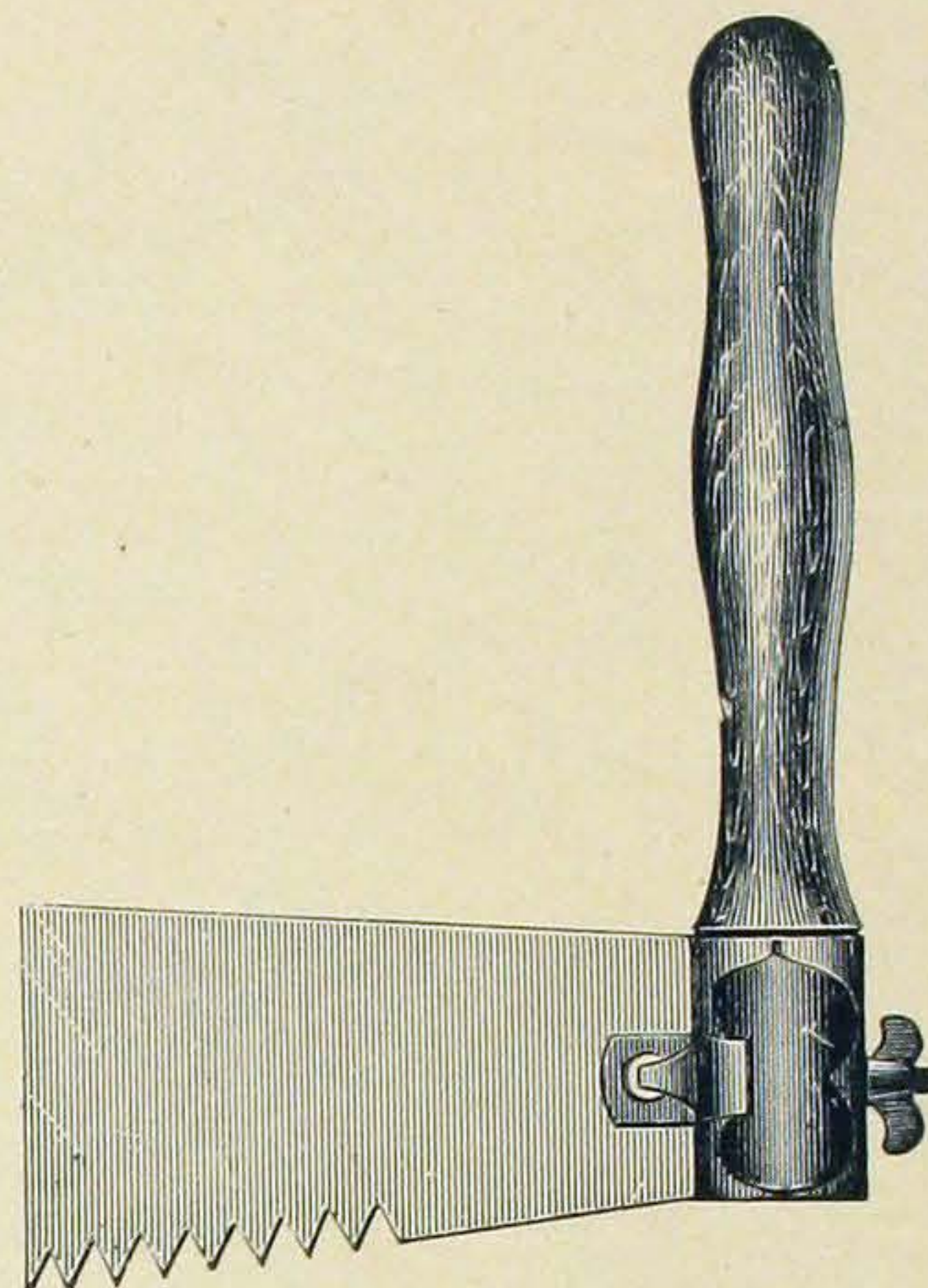
Loop Handle.



40 cents per pair.

No. 2.

Climax Cross-Cut Handles.



45 cents per pair.

No. 4.

Cross-Cut Saw Handle, Plain.



12 cents per pair.

Supplementary Handles for One Man Saw.



Price, \$2 25 per dozen.

Cross-Cut Tabs.

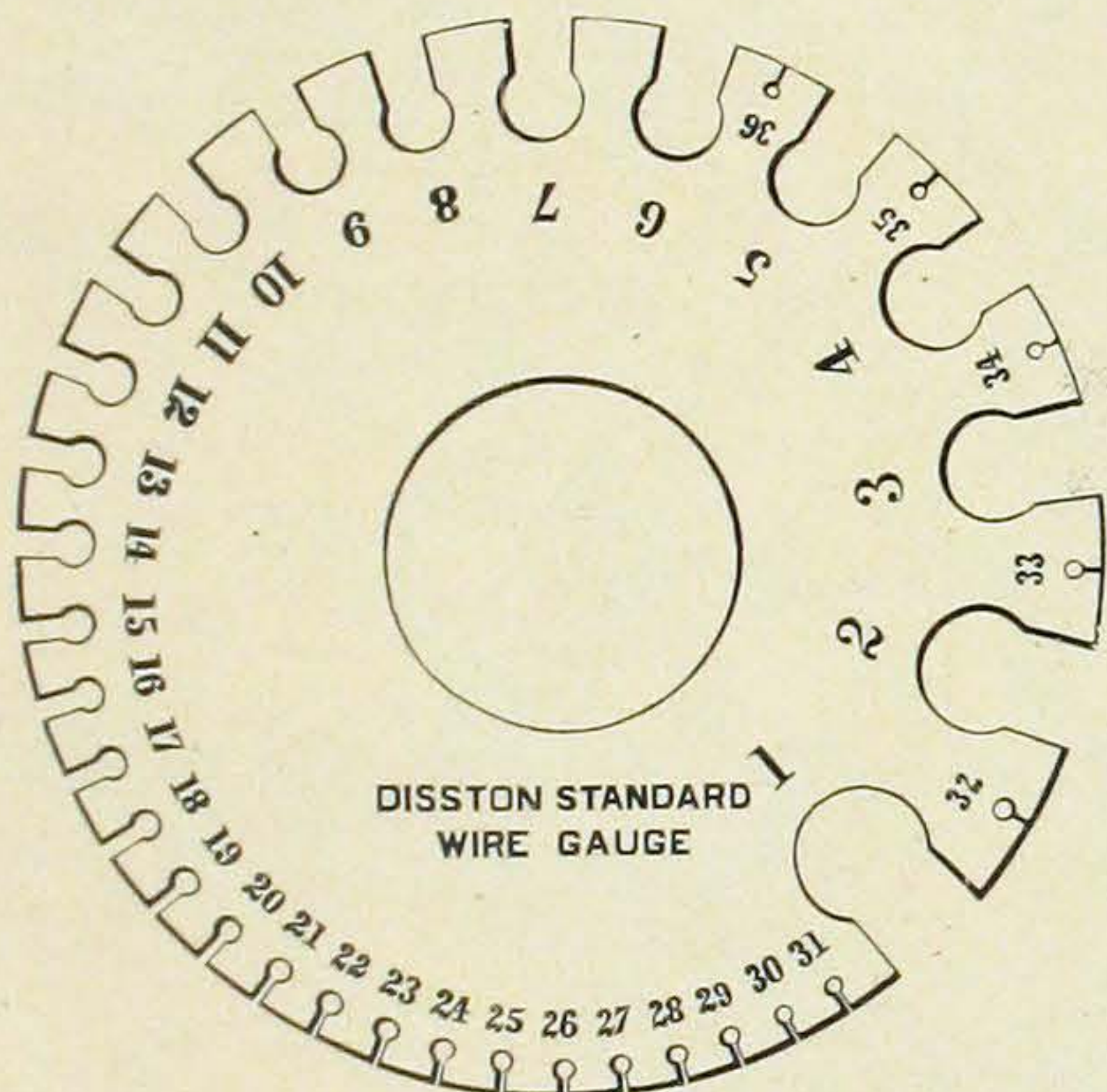


10 cents per pair.

One Man Cross-Cut Handle.



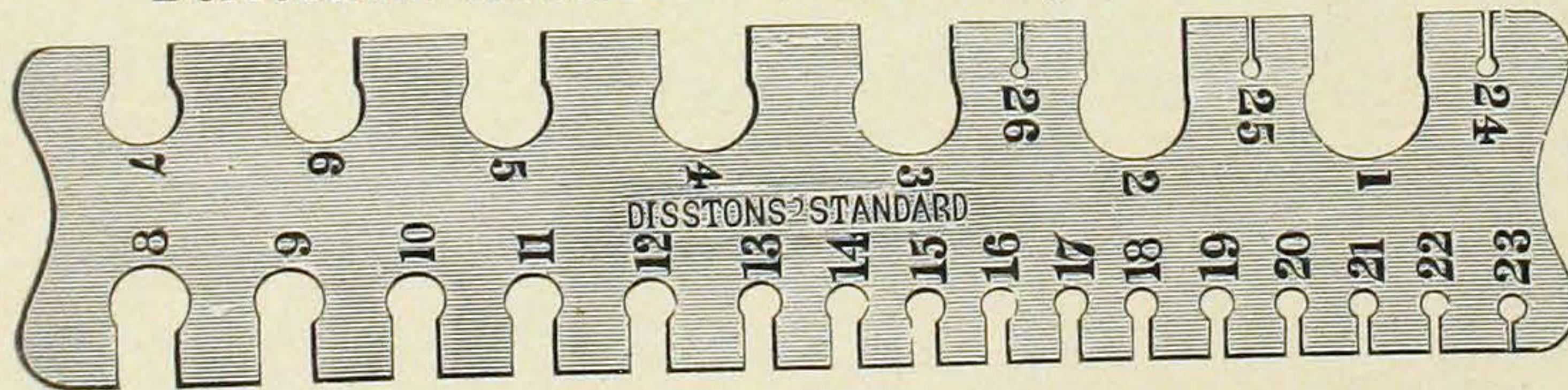
\$4 50 per dozen.



0 to 36
1 " 26

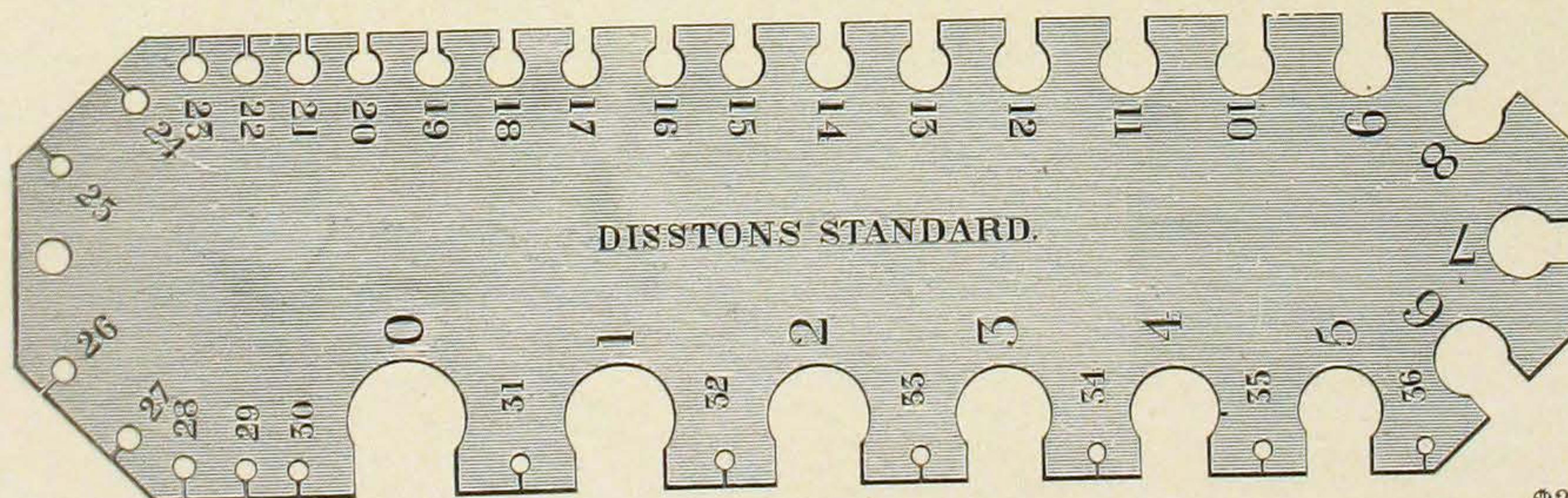
\$30 00 per dozen.
20 00 " "

**Standard Wire Gauges.
Perfection Attained. Accuracy Guaranteed.**



Small Gauges, No. 1 to 26,

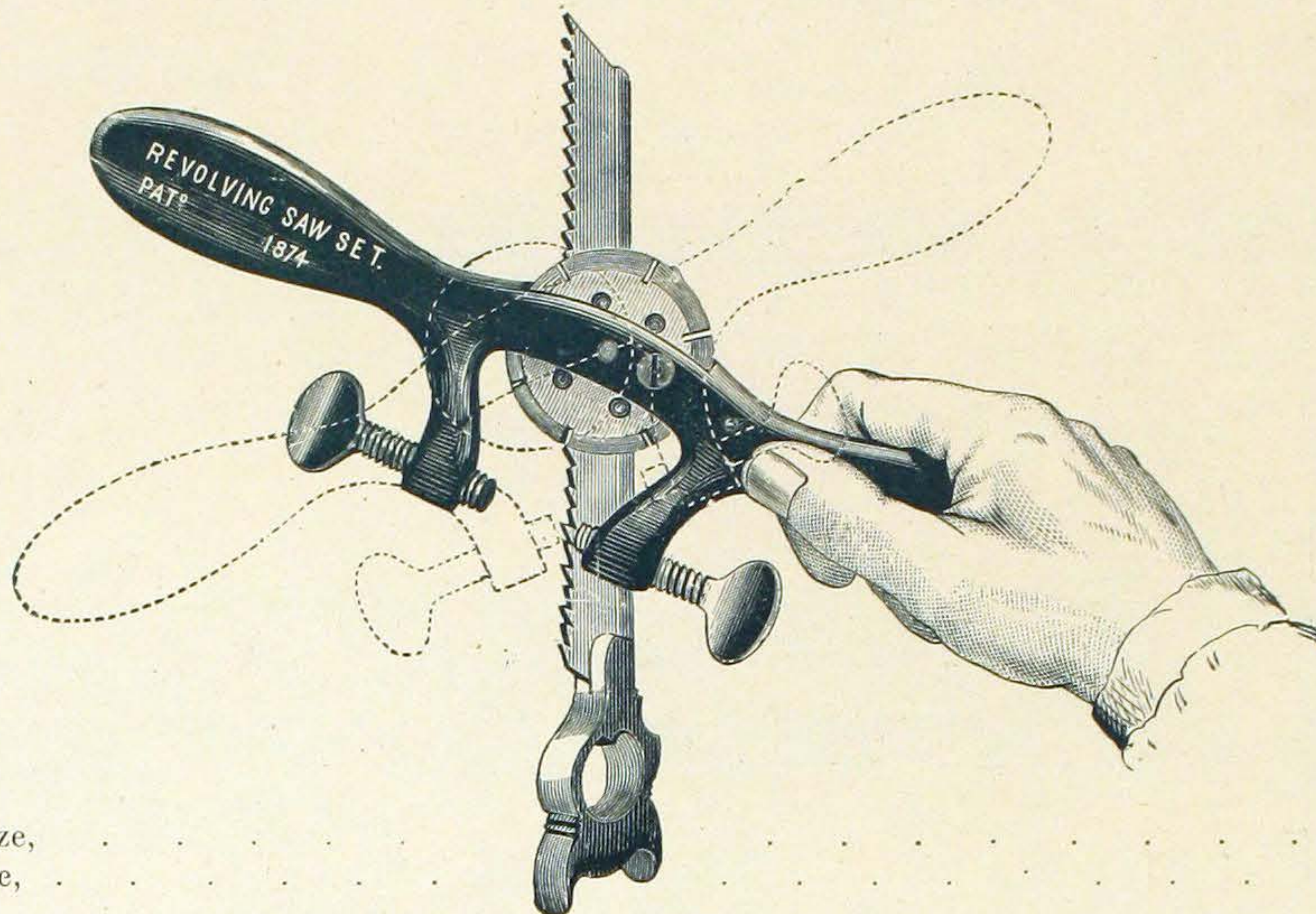
\$20 00 per dozen.



Large Gauges, No. 0 to 36,

\$30 00 per dozen.

Henry Disston & Sons' Patent Revolving Saw-Set.

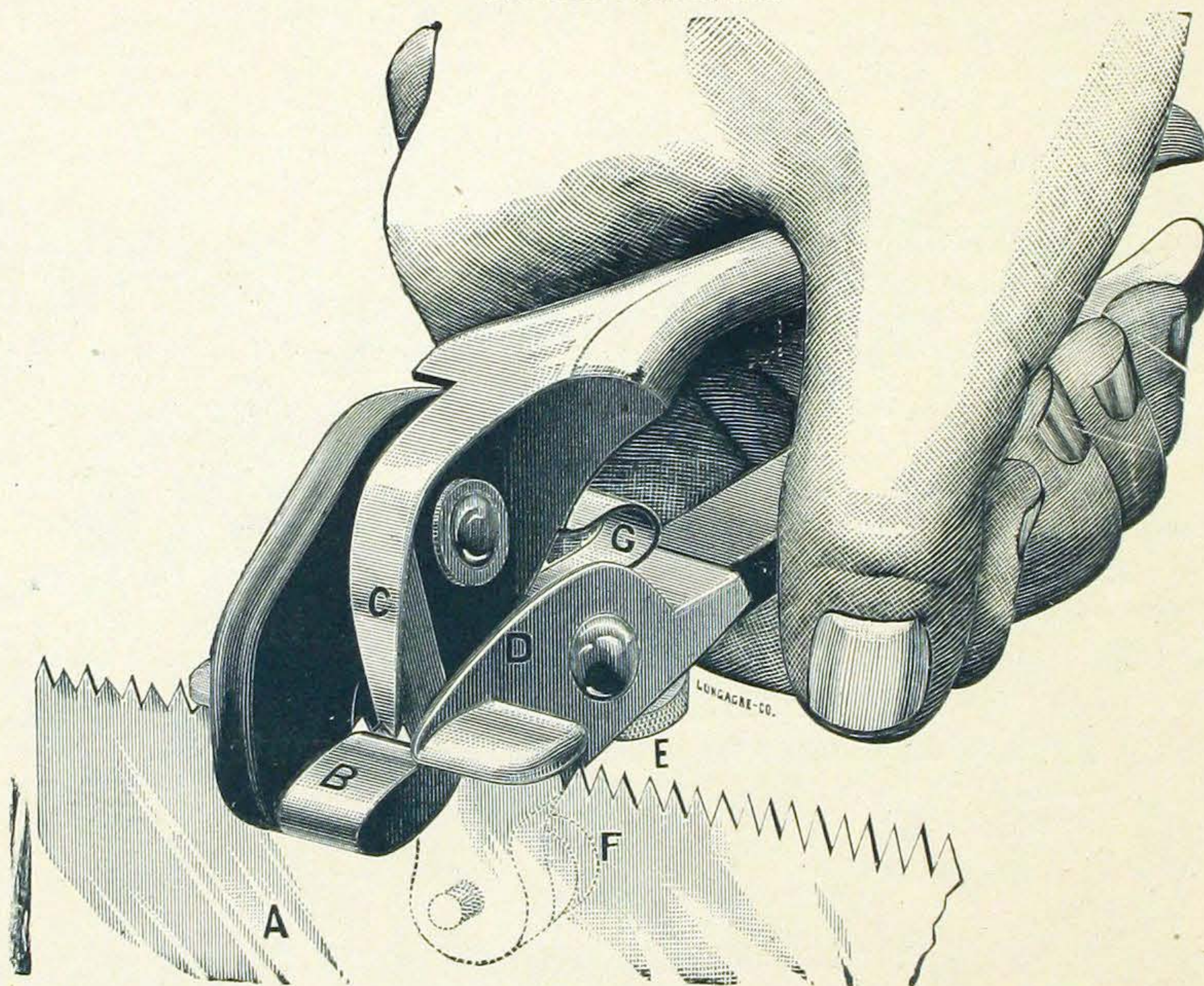


No. 1. Large Size,
No. 2. Small size,

\$ 6 00 per dozen.
4 75 " "

The Garland Saw-Set.

PATENTED JUNE 23, 1883.



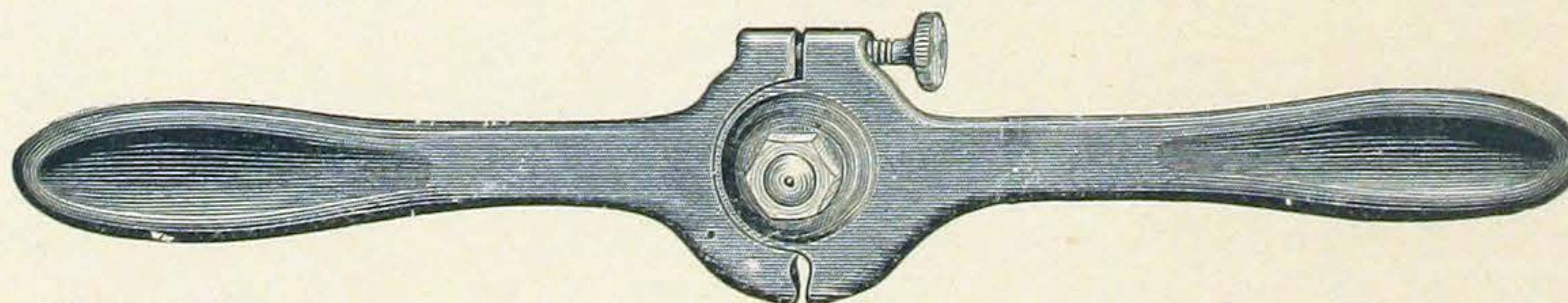
DIRECTIONS.—Hang the tool on your saw right over a tooth, and while in that position adjust it for the desired amount and depth of set by the screws *F* and *E*, which can be done with ease and certainty while the tool hangs on the edge of the saw over a tooth. Then proceed to set.

WARRANTED CAST-STEEL AND HARDENED ON THE JAWS.

No. 1, \$7 00 per dozen. | No. 2, \$9 00 per dozen.

The Samson Saw-Set.

The most Useful, Powerful and Desirable made.



No. 1. Large size, Wooden Handle,
No. 2. Small size, Iron Handle,

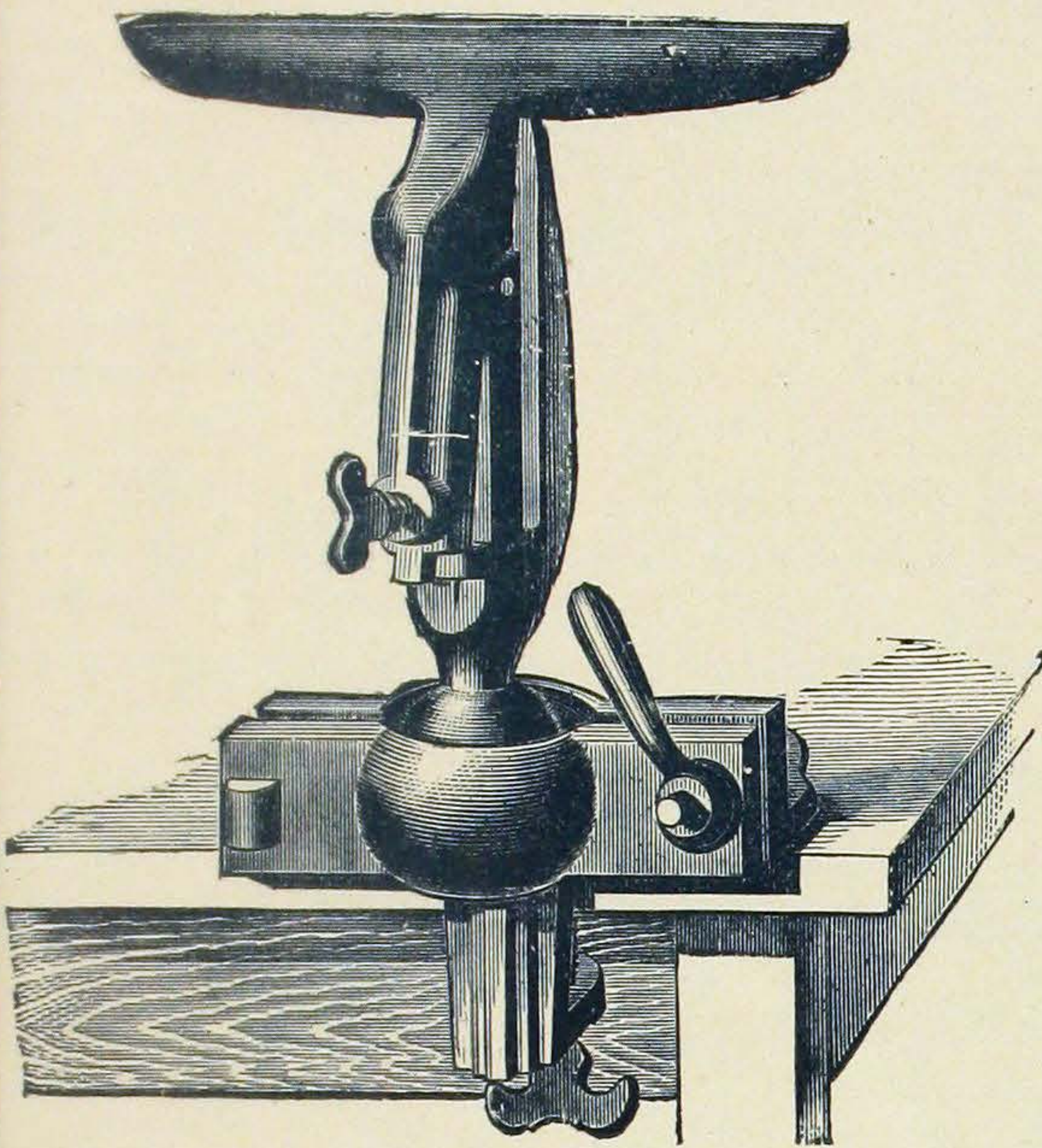
\$3 50 each.
1 75 " "

It is made of the best refined cast-steel, in two sections, and united in the center by a bolt, which serves as an axis; thus it can be readily adjusted by means of the set-screw to suit the thickness or gauge of any saw.

No. 1. Adjustable Ball and Socket Saw Clamp.

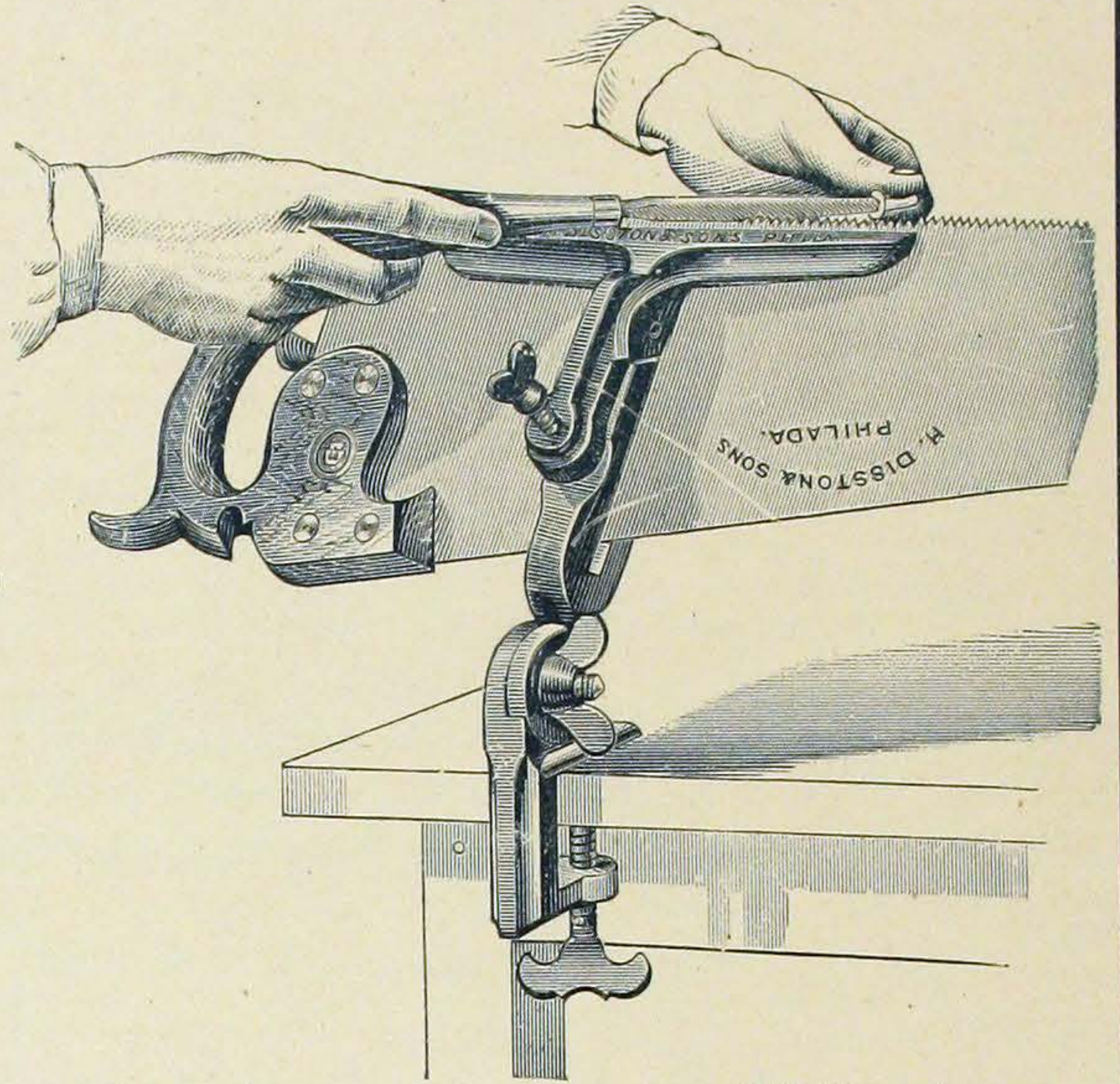
No. 2. Adjustable Saw Clamp.

By the use of this clamp, a saw can be filed at any angle, or square, as the operator may desire.



Japanned,

\$14 00 per dozen.

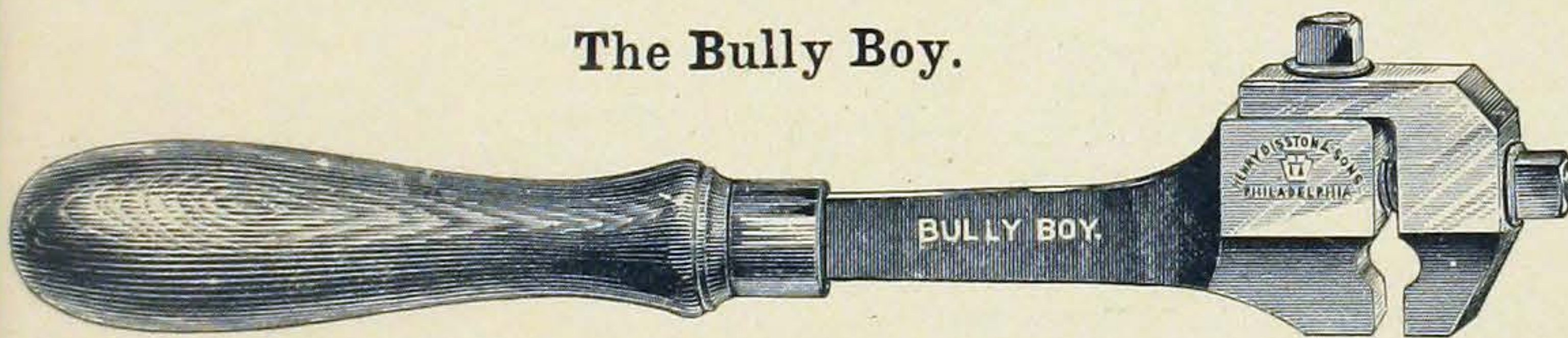


Japanned,

\$10 00 per dozen.

The Bully Boy.

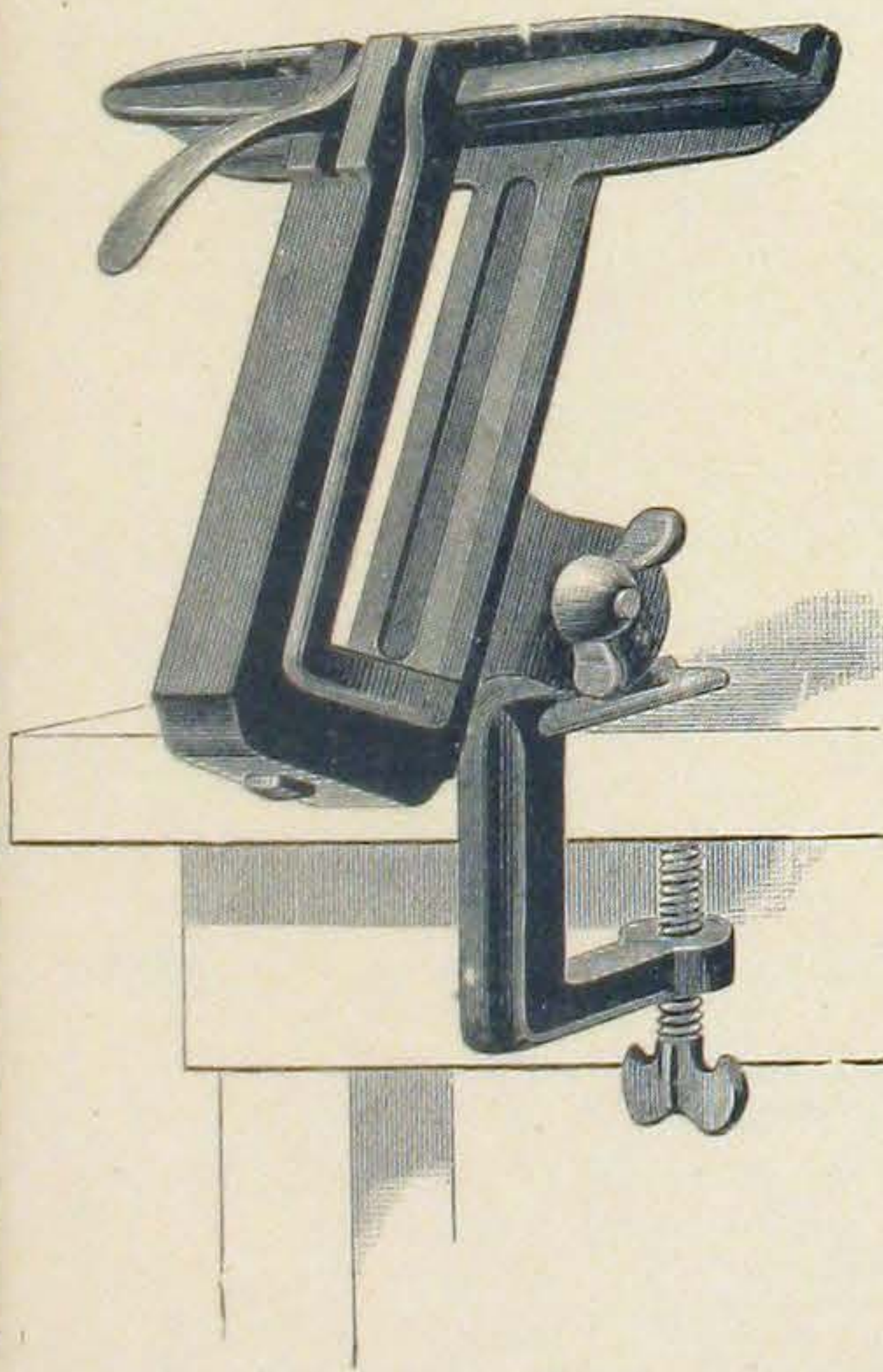
Henry Disston and Sons' Star Saw Set.



Price,

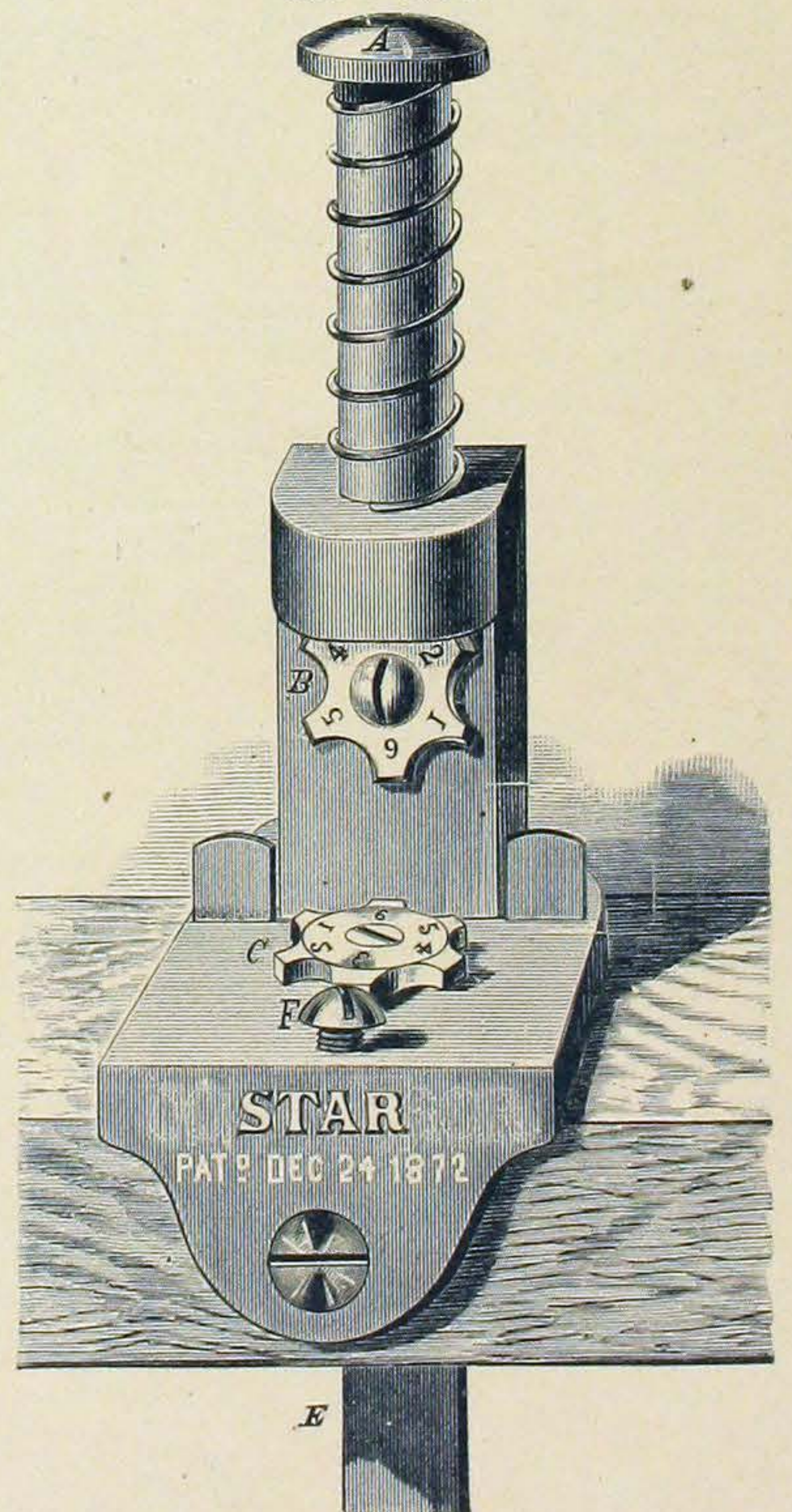
\$3 50 each.

No. 3. Adjustable Saw Clamp.



Japanned,

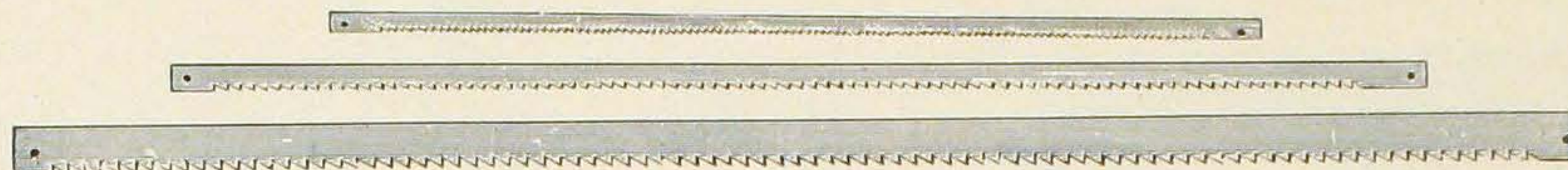
\$16 00 per dozen.



Price,

\$9 00 per dozen.

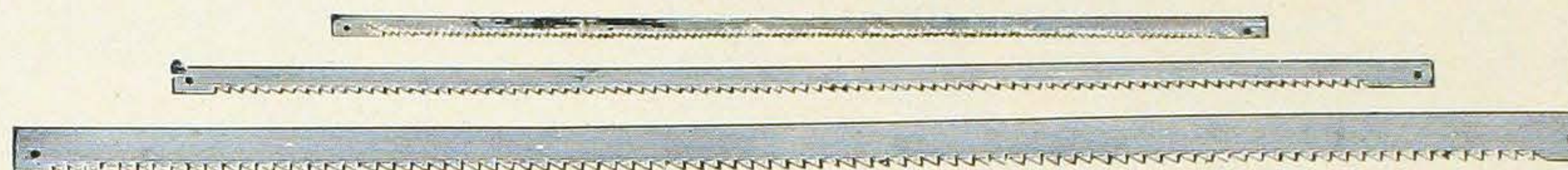
Widths and Gauges for Regular Stock Turning or Chair Webs.



Inches.	Gauge.	Per Dozen.	Inch Wide.	Inches.	Gauge.	Per Dozen.	Inch Wide.
6	23	\$1 20	$\frac{3}{16}$ to $\frac{1}{4}$	22	20	\$2 50	$\frac{1}{4}$ to $\frac{5}{8}$
7	22	1 25	$\frac{3}{16}$ " $\frac{1}{4}$	24	19	2 80	$\frac{1}{4}$ " $\frac{3}{4}$
8	22	1 30	$\frac{3}{16}$ " $\frac{1}{4}$	26	19	3 10	$\frac{1}{4}$ " $\frac{3}{4}$
10	22	1 35	$\frac{3}{16}$ " $\frac{1}{4}$	28	19	3 45	$\frac{1}{4}$ " $\frac{7}{8}$
12	21	1 45	$\frac{3}{16}$ " $\frac{5}{16}$	30	19	3 80	$\frac{1}{4}$ " 1
14	21	1 60	$\frac{3}{16}$ " $\frac{5}{16}$	32	18	4 20	$\frac{1}{4}$ " 1
16	20	1 80	$\frac{1}{4}$ " $\frac{3}{8}$	34	18	4 60	$\frac{1}{4}$ " 1
18	20	2 00	$\frac{1}{4}$ " $\frac{1}{2}$	36	18	5 00	$\frac{1}{4}$ " 1
20	20	2 25	$\frac{1}{4}$ " $\frac{5}{8}$				

One extra gauge in thickness, no extra charge. When two gauges heavier than above list, felloe web prices will be charged. Extra width, 10 per cent. extra for each additional $\frac{1}{8}$ inch wide.

Felloe Webs.

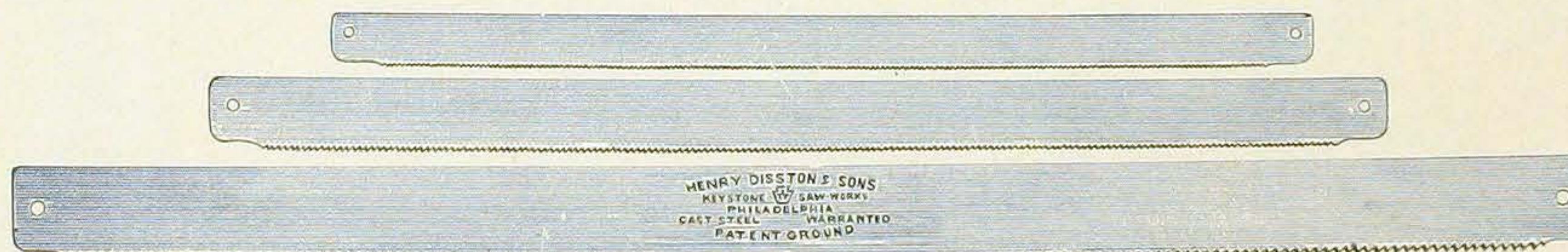


Inches.	Gauge.	Per Dozen.	Inch Wide.	Inches.	Gauge.	Per Dozen.	Inch Wide.
6	19	\$1 30	$\frac{3}{16}$ to $\frac{1}{2}$	22	17	\$3 30	$\frac{1}{4}$ to $\frac{3}{4}$
7	19	1 35	$\frac{3}{16}$ " $\frac{1}{2}$	24	17	3 65	$\frac{1}{4}$ " $\frac{7}{8}$
8	19	1 45	$\frac{3}{16}$ " $\frac{1}{2}$	26	17	4 00	$\frac{1}{4}$ " $\frac{7}{8}$
10	18	1 60	$\frac{3}{16}$ " $\frac{1}{2}$	28	17	4 40	$\frac{1}{4}$ " 1
12	18	1 85	$\frac{1}{4}$ " $\frac{1}{2}$	30	16	4 80	$\frac{1}{4}$ " 1
14	17	2 10	$\frac{1}{4}$ " $\frac{1}{2}$	32	16	5 20	$\frac{1}{4}$ " 1
16	17	2 35	$\frac{1}{4}$ " $\frac{5}{8}$	34	16	5 60	$\frac{1}{4}$ " 1
18	17	2 70	$\frac{1}{4}$ " $\frac{5}{8}$	36	16	6 00	$\frac{1}{4}$ " 1
20	17	3 00	$\frac{1}{4}$ " $\frac{3}{4}$				

One extra gauge in thickness, no extra charge. 5 per cent. extra for each additional gauge to 14 gauge. Above 14 gauge, special prices. Extra widths 10 per cent. for each additional $\frac{1}{8}$ inch wide.

N. B.—All web saws $\frac{1}{8}$ inch and narrower, will be made with wide ends, in order to give strength at the hole. Price, 25 per cent. advance.

German Pattern Webs.



Regular.

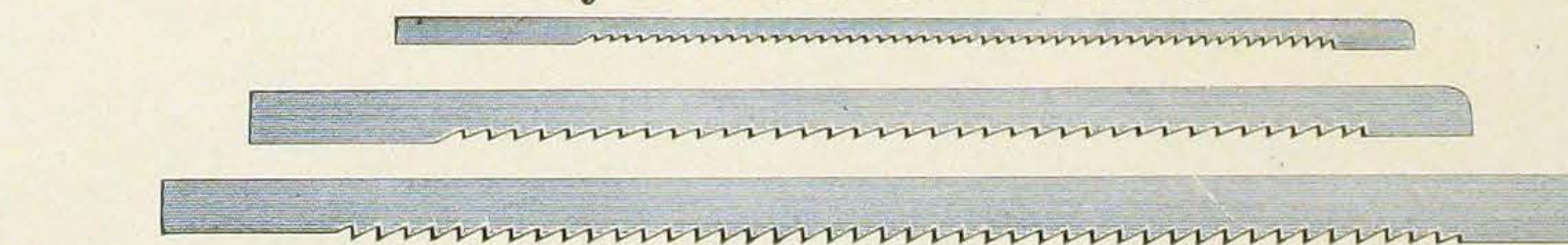
Length.	$\frac{3}{8}$ to $\frac{1}{2}$ wide.	$\frac{7}{8}$ to $1\frac{1}{8}$ wide.	$1\frac{1}{4}$ to $1\frac{1}{2}$ wide.	$1\frac{5}{8}$ to 2 wide.
18 inch,	\$2 15	\$2 20	\$2 25	\$2 30 per doz.
20 "	2 20	2 25	2 30	2 40 "
22 "	2 25	2 30	2 40	2 50 "
24 "	2 40	2 50	2 60	2 70 "
26 "	2 60	2 70	2 80	2 90 "
28 "	2 80	2 95	3 10	3 20 "
30 "	3 00	3 15	3 30	3 40 "
32 "	3 20	3 35	3 50	3 60 "
34 "	3 40	3 50	3 60	3 75 "
36 "	3 50	3 60	3 75	3 90 "

Extra Thin Back.

Length	$\frac{3}{8}$ to $\frac{1}{2}$ wide.	$\frac{7}{8}$ to $1\frac{1}{8}$ wide.	$1\frac{1}{4}$ to $1\frac{1}{2}$ wide.	$1\frac{5}{8}$ to 2 wide.
18 inch,	\$2 70	\$2 75	\$2 80	\$2 90 per doz.
20 "	2 75	2 80	2 90	3 00 "
22 "	2 80	2 90	3 00	3 10 "
24 "	3 00	3 10	3 25	3 40 "
26 "	3 25	3 35	3 50	3 65 "
28 "	3 50	3 70	3 85	4 00 "
30 "	3 75	3 95	4 10	4 25 "
32 "	4 00	4 20	4 35	4 50 "
34 "	4 25	4 40	4 50	4 70 "
36 "	4 40	4 50	4 70	4 90 "

All of above webs are set and sharpened.

Fay's Patent Scroll Saws.

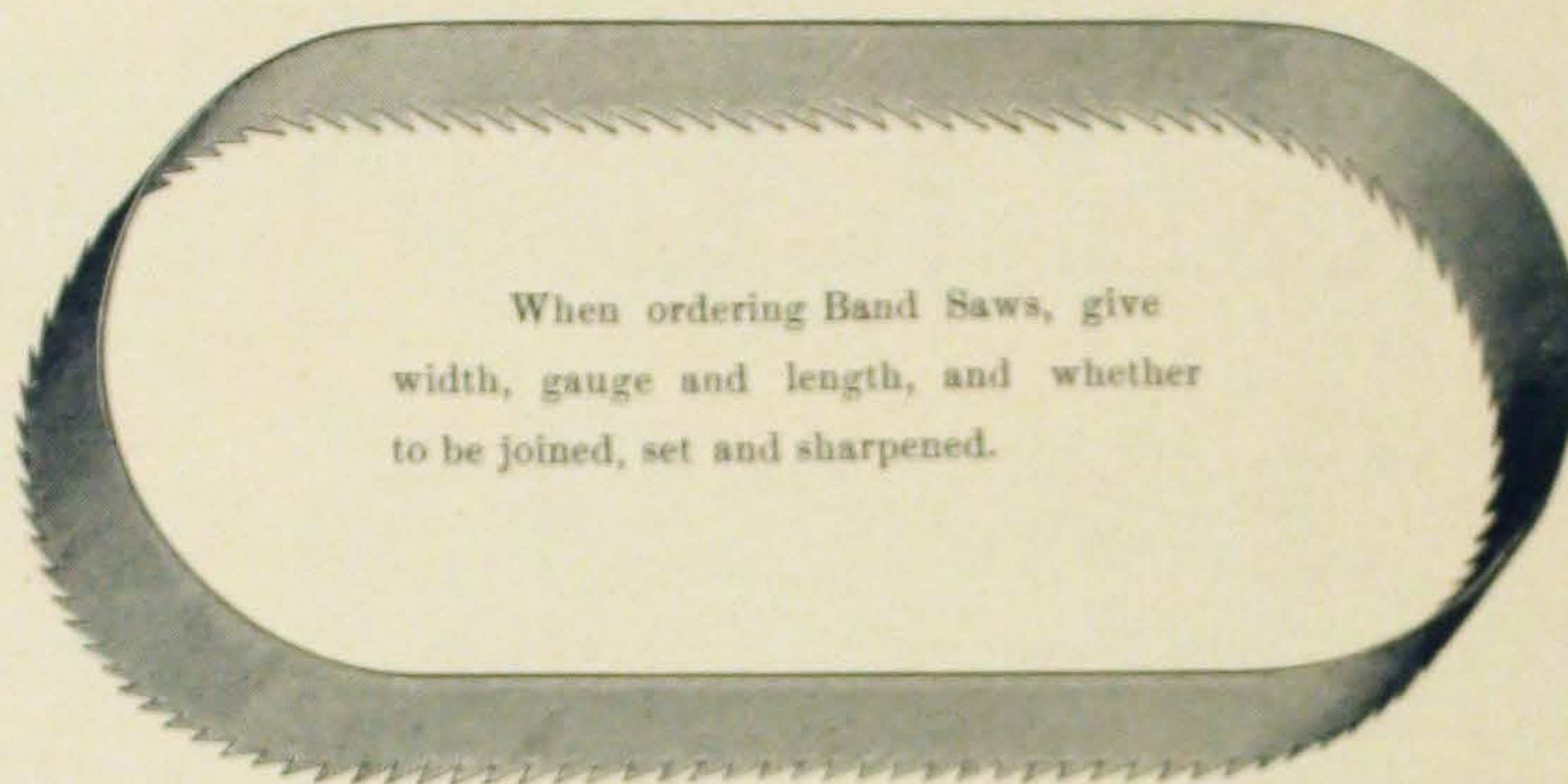


8	9	10	11	12	13 inches.
\$2 50	2 75	3 00	3 25	3 50	3 75 per dozen.
14	16	18	20	22	24 inches.
\$4 00	4 50	5 00	5 50	6 00	6 50 per dozen.

Webs to 16-inch, over $\frac{3}{4}$ inch wide, extra price. Webs from 18 to 24-inch, over one inch wide, extra price.

We make the above web from 13 to 16 gauge in thickness.

Band Saws.



List of Prices for French Steel Band Saws.

Not Joined.

LIST PRICES FOR FRENCH STEEL BAND SAWS. NOT JOINED.

21 Gauge	{	$\frac{1}{4}$ inch. 7	$\frac{3}{8}$ inch. 8	$\frac{1}{2}$ inch. 10	$\frac{3}{4}$ inch wide. 12c. per foot.
20 Gauge	{	$\frac{3}{8}$ inch. 14	$\frac{7}{8}$ inch. 16	1 inch. 18	$1\frac{1}{2}$ inch wide. 20c. per foot.
19 Gauge	{	$1\frac{1}{4}$ inch. 23	$1\frac{3}{8}$ inch. 26	$1\frac{1}{2}$ inch. 28	$1\frac{3}{4}$ inch wide. 34c. per foot.

Setting and filing above, 4 cents per foot extra.

NET PRICES FOR JOINING ABOVE SIZES OF BAND SAWS.

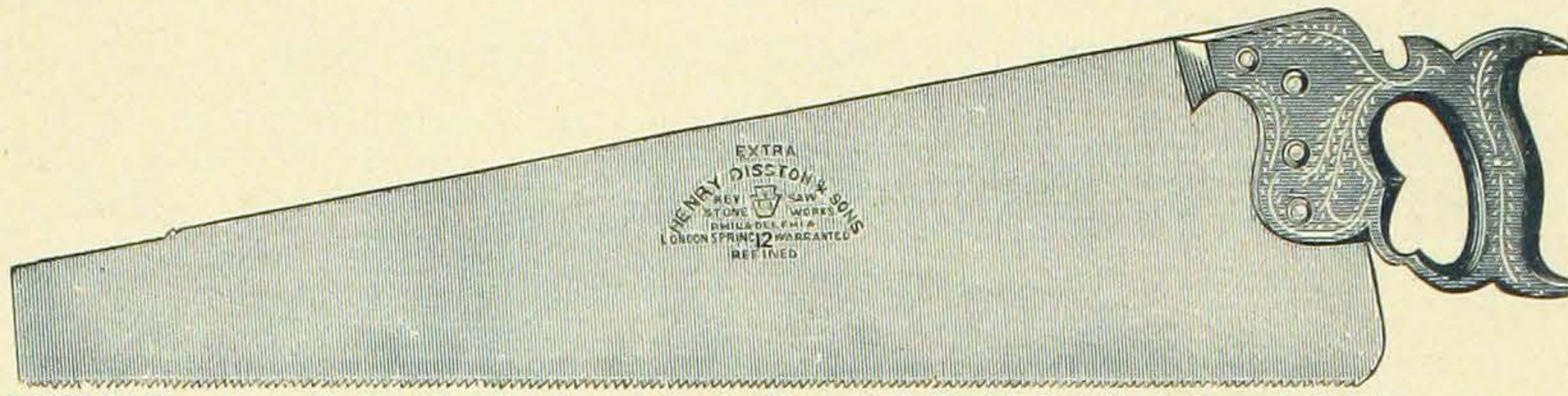
$\frac{1}{4}$ inch. 20	$\frac{3}{8}$ inch. 20	$\frac{1}{2}$ inch. 20	$\frac{3}{4}$ inch. 25	$\frac{7}{8}$ inch. 25	$\frac{1}{2}$ inch. 25	1 inch wide. 30c. each.
$1\frac{1}{8}$ inch. 30	$1\frac{1}{4}$ inch. 30	$1\frac{3}{8}$ inch. 40	$1\frac{1}{2}$ inch. 40	$1\frac{3}{4}$ inch. 40	$1\frac{1}{2}$ inch. 40	$1\frac{3}{4}$ inch wide. 75c. each.

PRICES FOR BAND SAWS, SET, SHARPENED AND JOINED COMPLETE.

18 Gauge	{	2 inches. 50	$2\frac{1}{2}$ inches. 60	$2\frac{1}{2}$ inches wide. 65c. per foot	
17 Gauge	{	3 inches. 80	$3\frac{1}{2}$ inches wide. \$1 00 per foot.		
16 Gauge	{	4 inches. \$1.20	$4\frac{1}{2}$ inches. 1 35	5 inches. 1 50	$5\frac{1}{2}$ inches wide. 1 65 per foot
16 Gauge	{	6 inches. \$1 80	7 inches. 2 15	8 inches. 2 50	9 inches wide. 3 00 per foot.
14 to 16 Gauge	{	10 inches. \$3 50	11 inches. 4 20	12 inches wide. 5 00 per foot	

When ordering, state whether to be set, sharpened, or joined. Toothed Blanks are same price as finished saws, Band saw blanks, either bright or black, of any width, furnished to order, but not warranted.

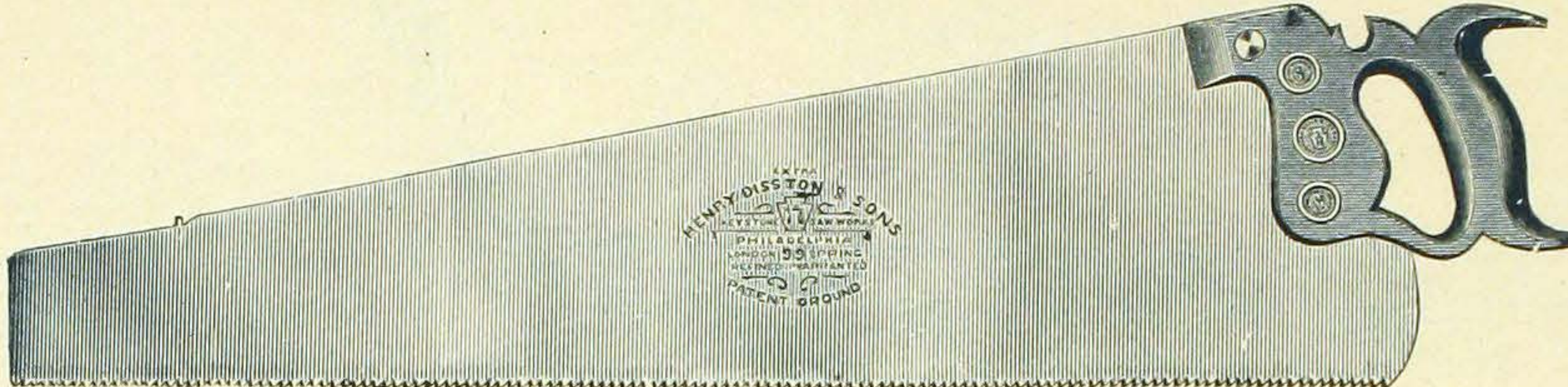
Disston's Panel Hand and Rip Saws.



No. 12.

Inch,	16	18	20	22
Per doz.	\$20 00	22 00	24 00	26 00
Inch,	24	26	28	30
Per doz.,	\$28 00	30 00	34 00	39 00

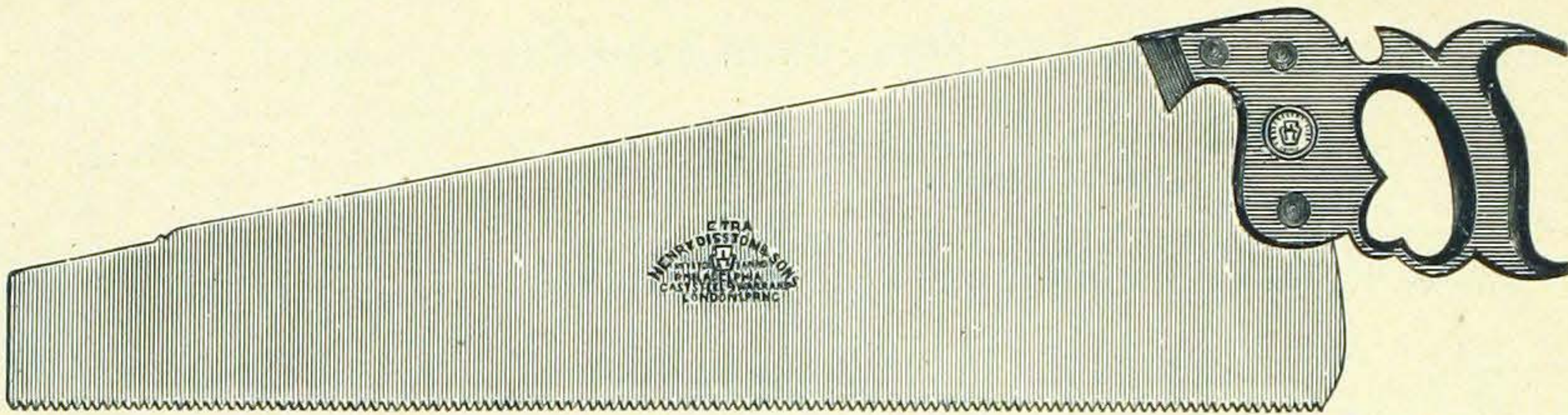
DISSTON'S. Extra Refined London Spring Steel, Warranted, Highly Polished, Carved Handle.



No. 99.

Inch,	16	18	20	22
Per doz.,	\$16 50	18 50	20 50	22 50
Inch,	24	26	28	30
Per doz.,	\$24 50	26 00	30 00	34 00

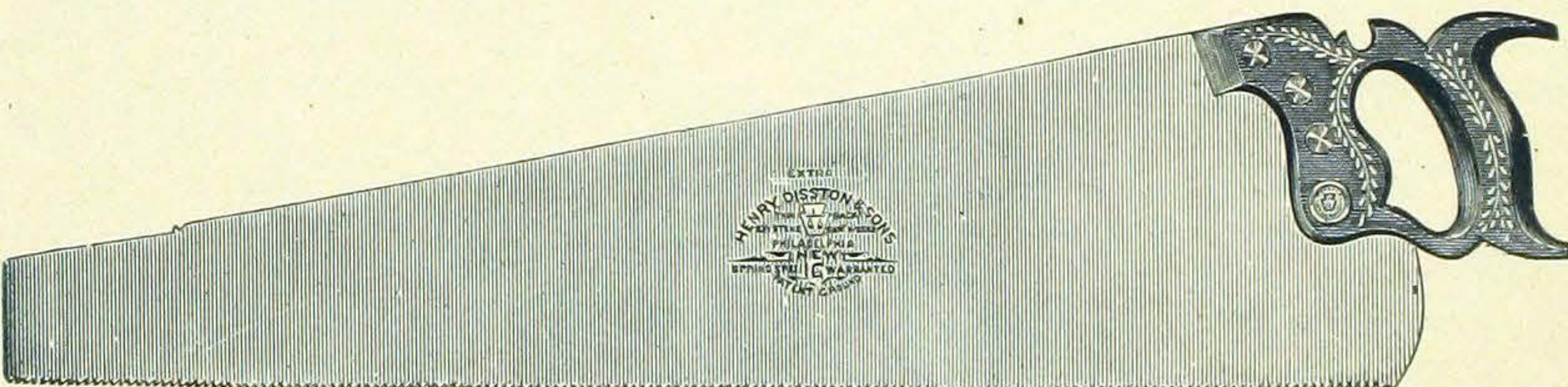
DISSTON'S. Extra Refined London Spring Steel, Warranted, Polished, Apple Handle.



No. 9.

Inch,	16	18	20	22
Per doz.,	\$15 50	17 00	19 00	21 00
Inch,	24	26	28	30
Per doz.,	\$23 00	24 00	28 00	32 00

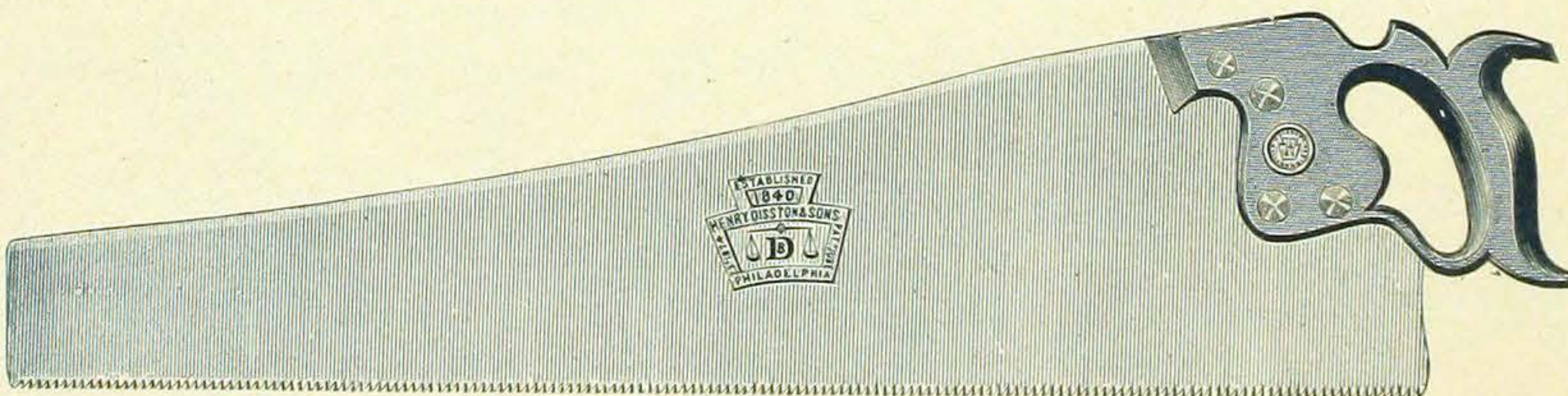
DISSTON'S. Extra London Spring Steel Warranted, Apple Handle.



No. 16.

Inch,	14	16	18
Per doz.,	\$13 50	14 50	16 00
Inch,	20	22	24
Per doz.,	\$17 50	19 50	21 00
Inch,	26	28	30
Per doz.,	\$22 00	25 00	28 00

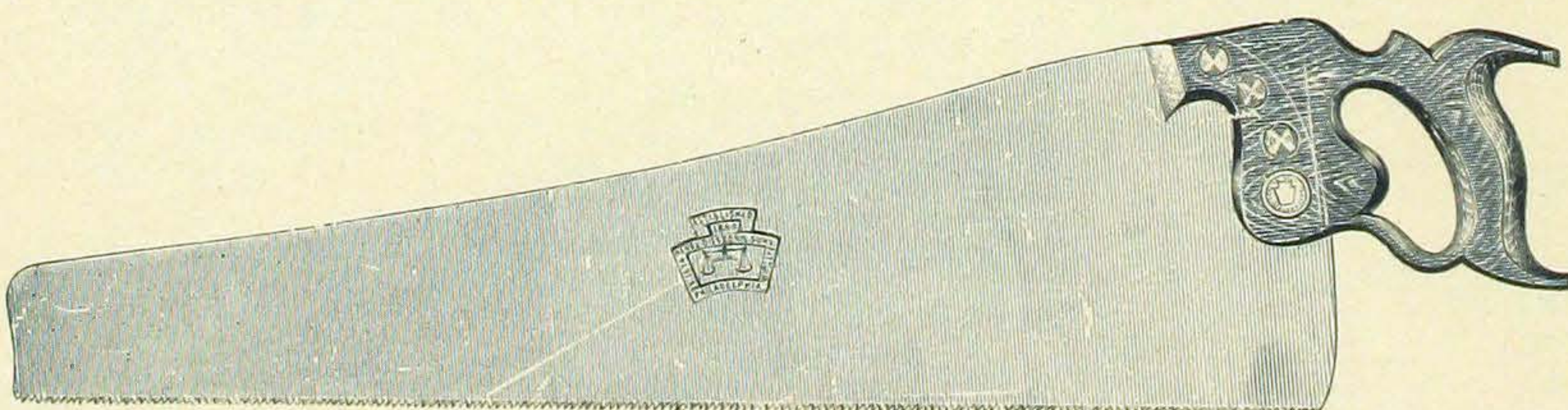
No. 16. DISSTON & SONS Spring Steel, Warranted, Carved Apple Handle.



No. 18.

Inch,	16	18	20	22
Per doz.,	\$14 50	16 00	17 50	19 50
Inch,	24	26	28	30
Per doz.,	\$21 00	22 00	25 00	28 00

DISSTON'S. 18) Skew Back, Warranted, Apple Handle.



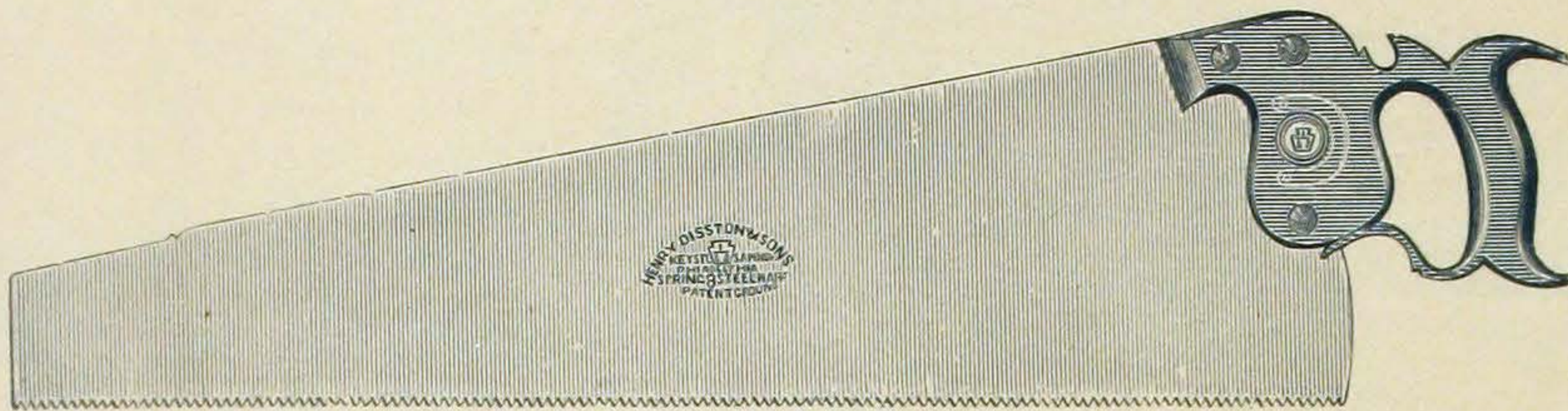
No. 76.

Inch,	16	18	20	22
Per doz.,	\$13 25	14 75	16 25	18 25
Inch,	24	26	28	30
Per doz.,	\$19 75	20 50	23 50	27 00

DISSTON'S "Centennial" Cast Steel, Warranted, Apple Handle.

All the above, one-third dozen in a box.

Disston's Panel, Hand and Rip Saws.



No. 8.

Inch,	16	18	20	22
Per doz.,	\$13 50	14 50	16 50	18 50
Inch,	24	26	28	30
Per doz.,	\$20 00	21 00	24 00	28 00

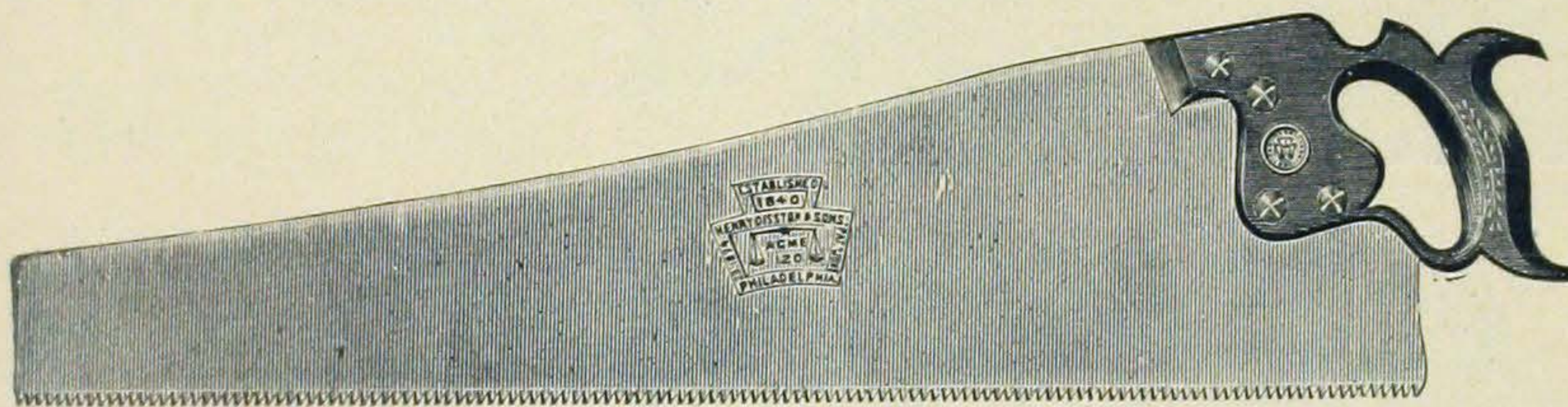
DISSTON'S. Spring Steel, Warranted, Apple Handle.



No. 7.

Inch,	14	16	18
Per doz.,	\$12 00	13 00	14 00
Inch,	20	22	24
Per doz.,	\$16 00	18 00	19 00
Inch,	26	28	30
Per doz.,	\$20 00	23 50	27 00

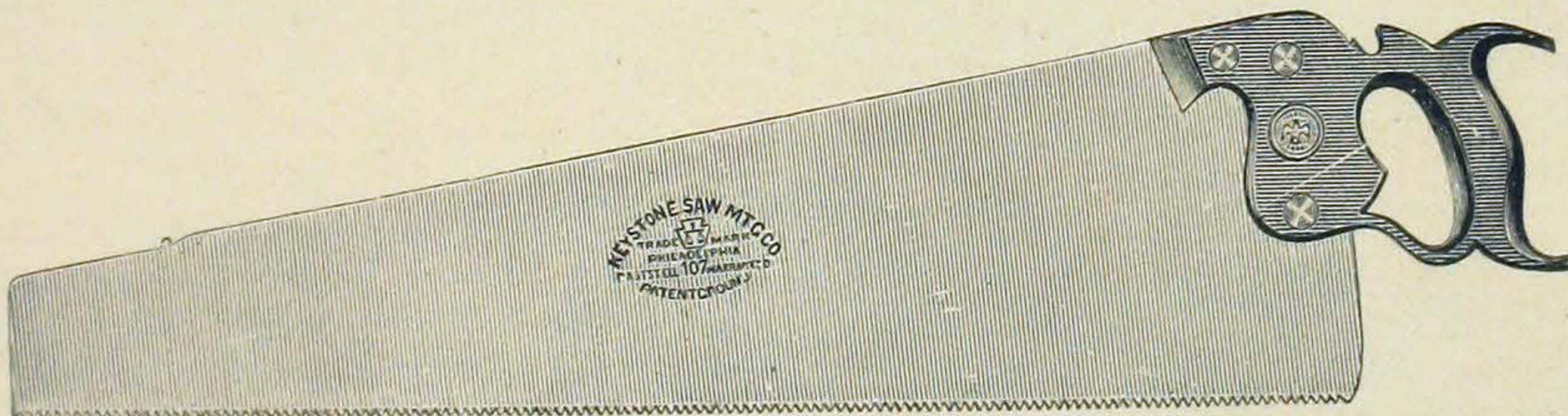
DISSTON'S. Cast Steel, Warranted, Beech Handle.



No. 120.

Inch,	16	18	20	22
Per doz.,	\$23 00	25 00	27 00	30 00
Inch,	24	26	28	30
Per doz.,	\$32 00	33 00	38 00	43 00

DISSTON'S "ACME." Skew Back, Extra London Spring Steel, Warranted, Carved Apple Handle. Runs without set.



No. 107.

Inch,	14	16	18
Per doz.,	\$8 00	9 00	10 00
Inch,	20	22	24
Per doz.,	\$11 25	12 50	14 00
Inch,	26	28	30
Per doz.,	\$15 00	18 00	21 00

KEYSTONE SAW MFG. CO'S. Warranted Cast Steel, Beech Handle.



No. 77.

Inch,	16	18	20
Per doz.,	\$18 50	20 50	22 50
Inch,	22	24	26
Per doz.,	\$25 00	26 50	28 00
Inch,	28	30	
Per doz.,	\$34 00	38 00	

DISSTON & SON'S Extra London Spring, Warranted, Polished Apple Handle, 4 Rivets.

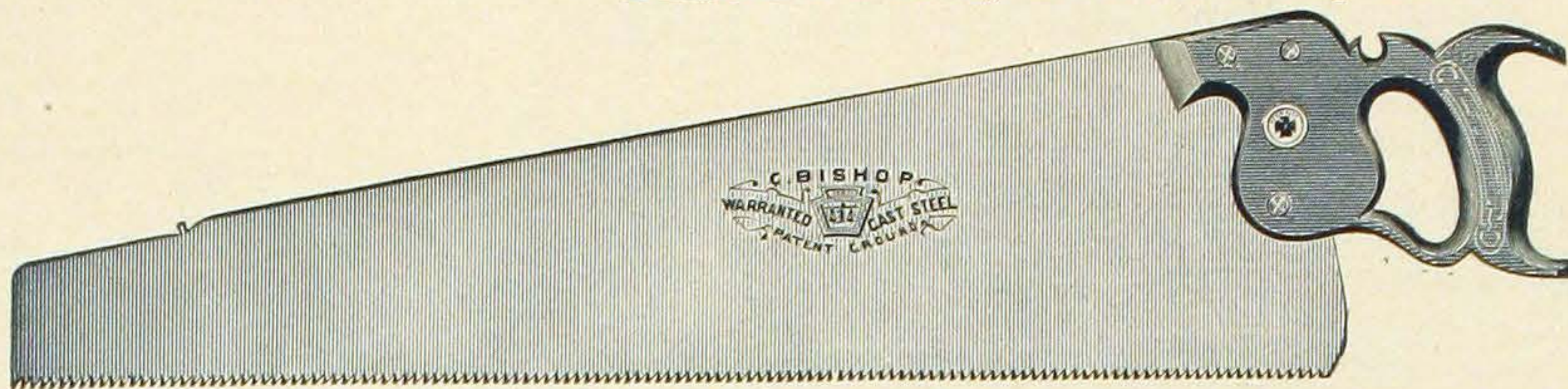


No. 3.

Inch,	14	16	18
Per doz.,	\$7 00	8 00	9 00
Inch,	20	22	24
Per doz.,	\$10 00	11 00	12 00
Inch,	26	28	30
Per doz.,	\$13 00	16 00	19 00

BROWN'S. Warranted Cast Steel, Beech Handle.

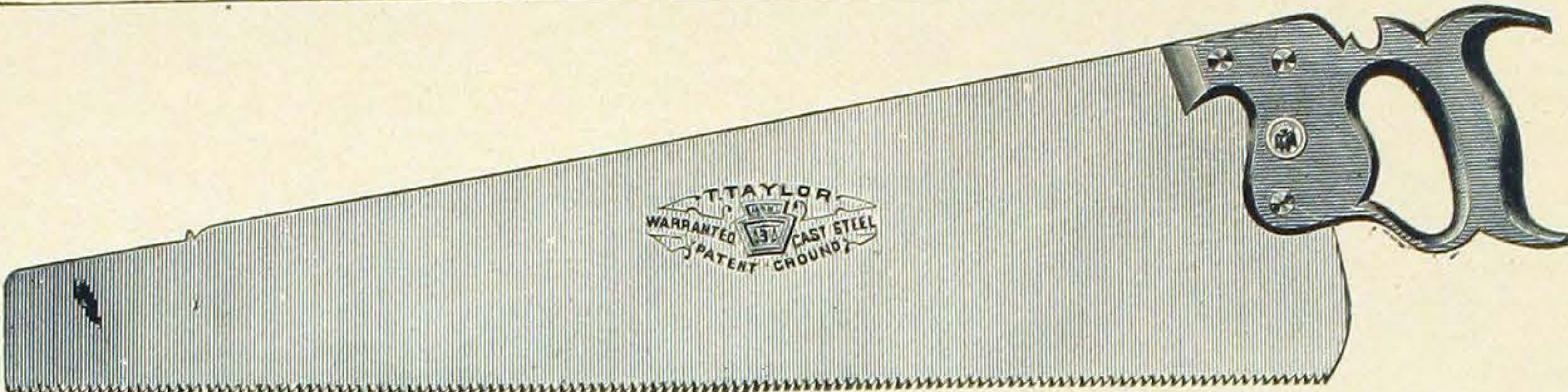
Disston's Panel, Hand and Rip Saws.



C. BISHOP'S. Warranted Cast Steel, Beech Handle.

No. 1

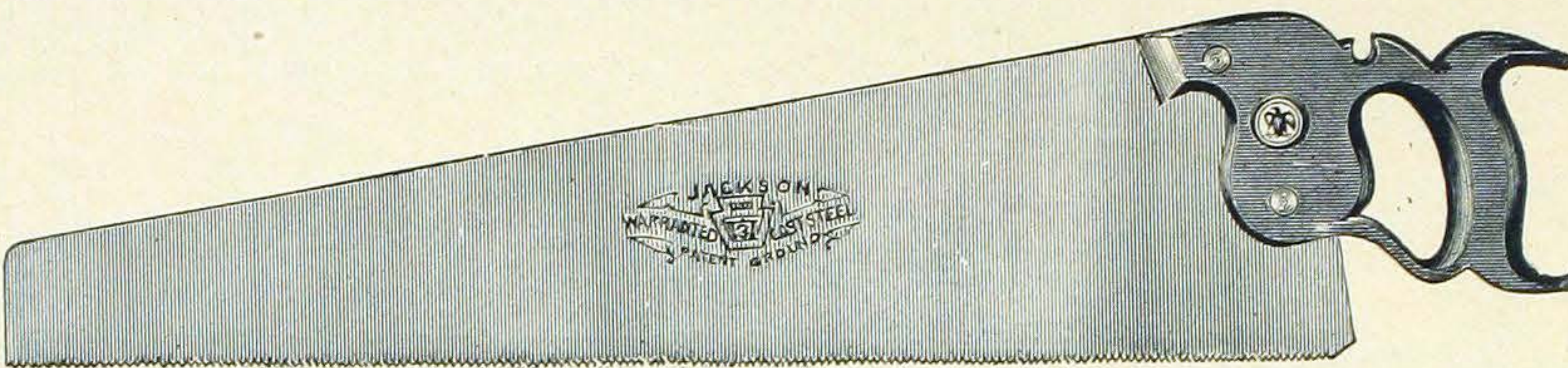
Inch,	14	16	18
Per doz.,	\$6 50	7 50	8 00
Inch,	20	22	24
Per doz.,	\$9 00	10 00	11 00
Inch,	26	28	30
Per doz.,	\$12 00	14 00	16 00



TAYLOR'S Beech Handle, Polished Edge, Grained Blade.

No. 0.

Inch,	12	14	16	18
Per doz.,	\$5 75	6 25	6 75	7 50
Inch,	20	22	24	
Per doz.,	\$8 00	8 75	9 50	
Inch,	26	28	30	
Per doz.,	\$10 00	11 00	12 00	



JACKSON'S. Warranted Cast Steel, Beech Handle.

No. 00.

Inch,	12	14	16	18
Per doz.,	\$4 50	5 00	5 50	6 00
Inch,	20	22	24	
Per doz.,	\$6 50	7 00	7 50	
Inch,	26	28	30	
Per doz.,	\$8 00	9 00	10 00	

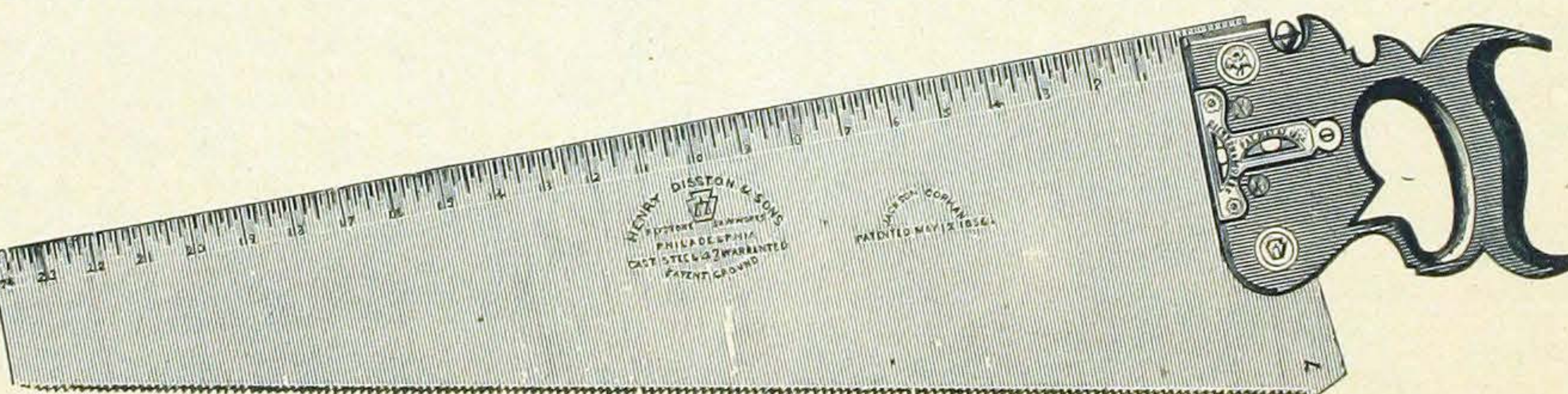


JACKSON GORHAM'S PATENT COMBINATION. Warranted Cast Steel.

No. 29.

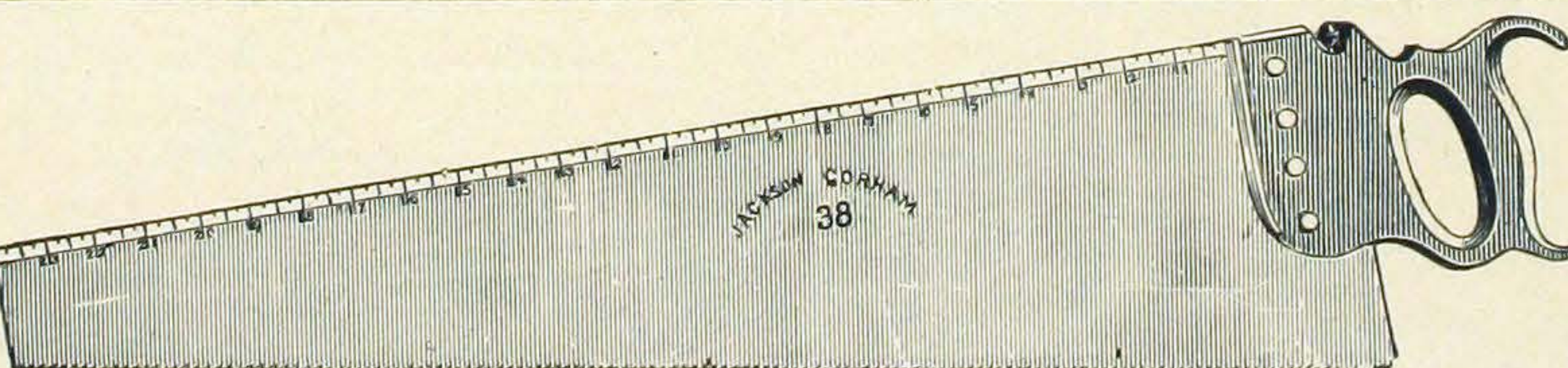
26-Inch, Patent Combination Saw, with 24-inch Square and Rule, Straight Edge and Scratch Awl.

Per dozen, . . . \$11 00

**No. 42.**

26 Inch Combination Saw, with 24-inch Square and Rule, Straight Edge and Scratch Awl; Independent Handle. Blade same quality as Disston's No. 7 Hand Saw. *Without* Plumb and Level Attachment.

Per dozen, . . . \$25 00

**No. 38.**

26-Inch Combination Saw, with 24-inch Square and Rule, Straight Edge and Scratch Awl; Independent Handle. Blade same as "BROWN" Hand Saw No. 3.

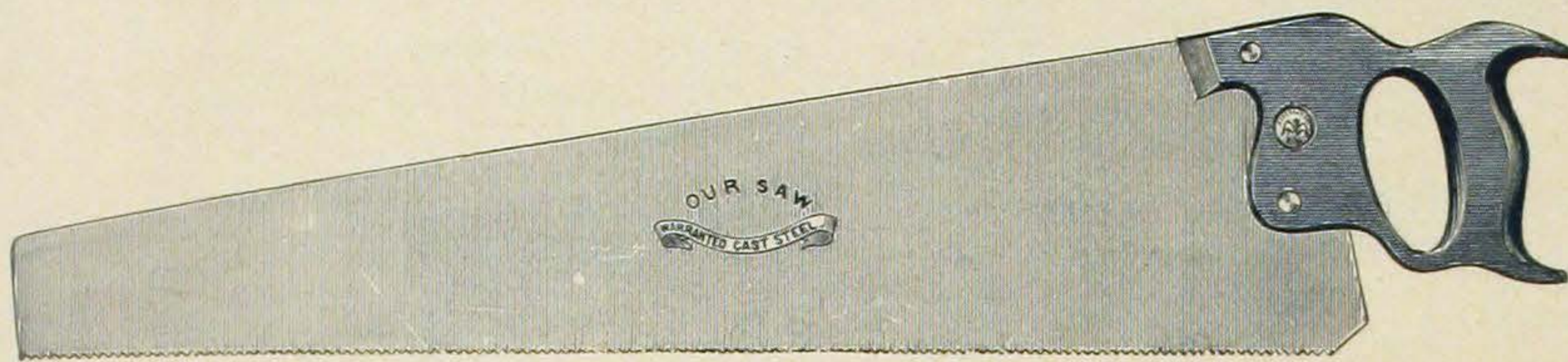
Per dozen, . . . \$17 00

No. 39.

26-Inch Combination Saw, with 24-inch Square and Rule, Straight Edge and Scratch Awl; Independent Handle, with Plumb and Level Attachment. Blade same quality as "Brown" No. 3.

Per dozen, . . . \$22 00

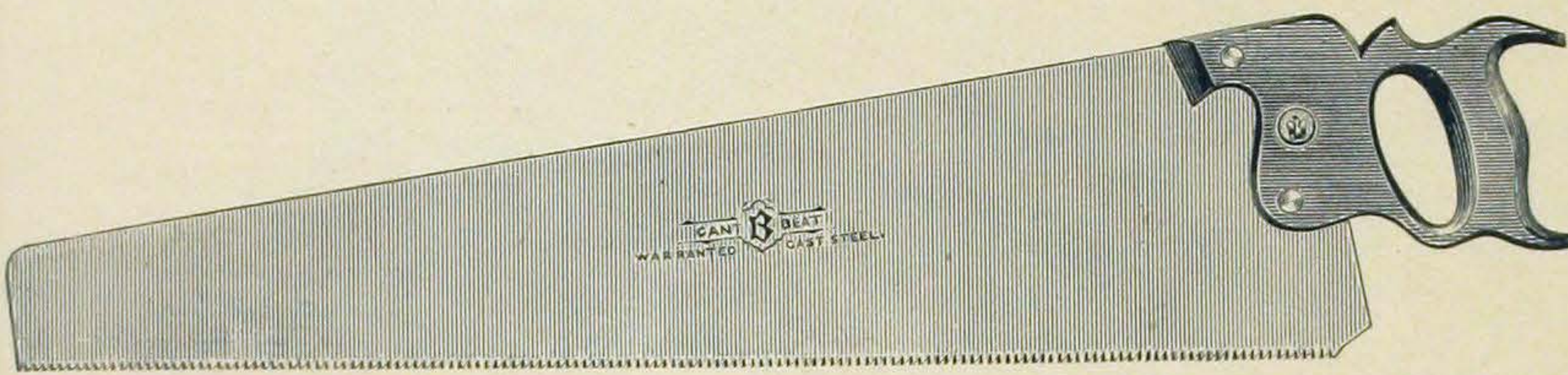
Henry Disston & Sons' Special Saws.



No. 208.

Inch,	12	14	16	18
Net,				
Inch,	20	22	24	26
Net,				
Inch,		28	30	32
Net,				

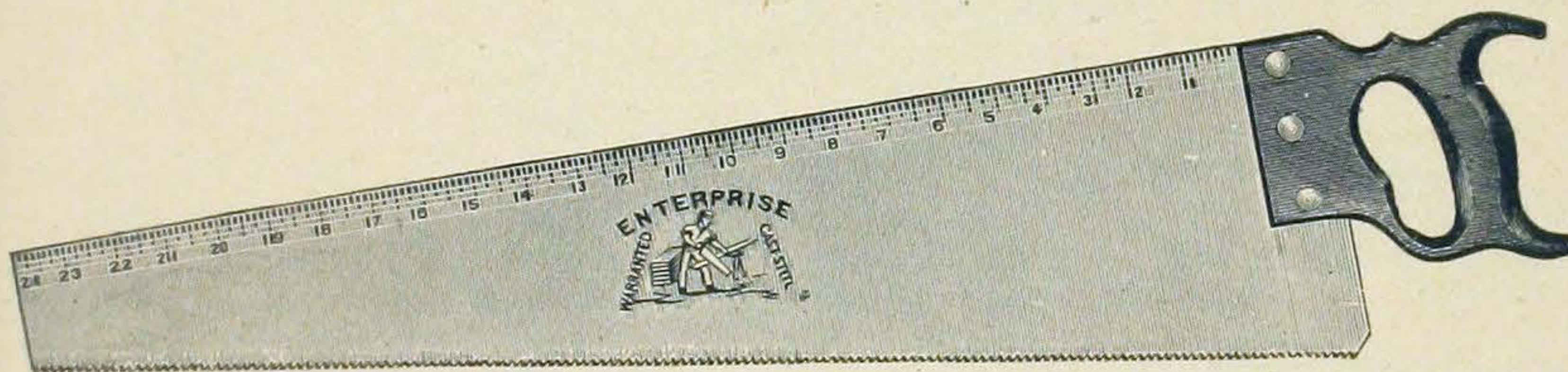
Beech Handle, Polished Edge, with 3 Screws, set and sharpened.



No. 209.

Inch,	12	14	16	18
Net,				
Inch,		20	22	24
Net,				
Inch,		26	28	30
Net,				

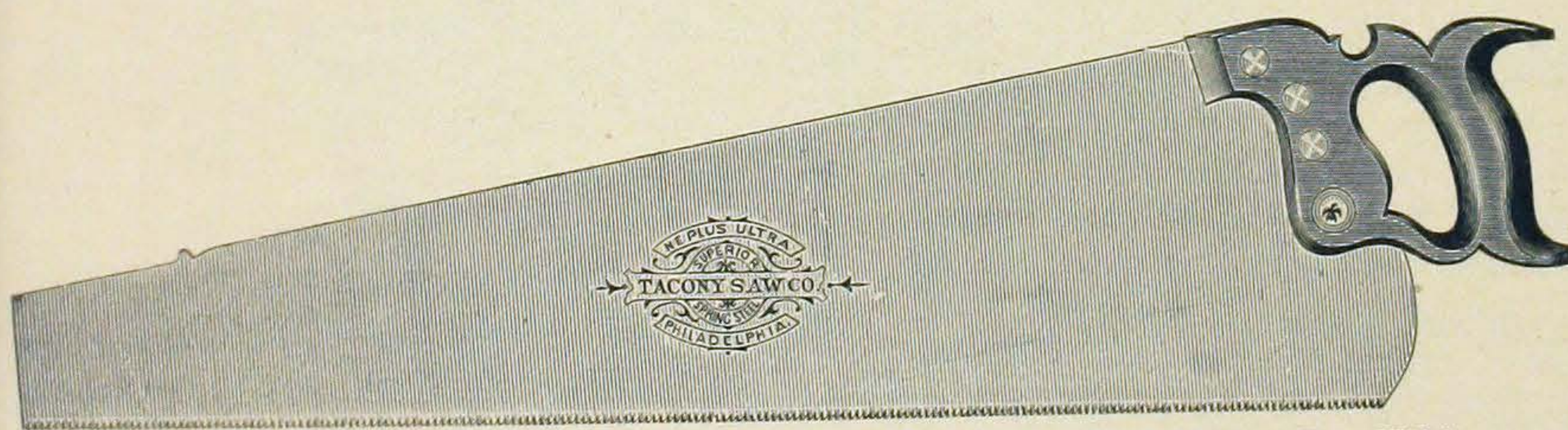
Beech Handle, 3 Screws, set and sharpened.



No. 210.

Inch,	12	14	16	18
Net,				
Inch,		20	22	24
Net,				
Inch,		26	28	30
Net,				

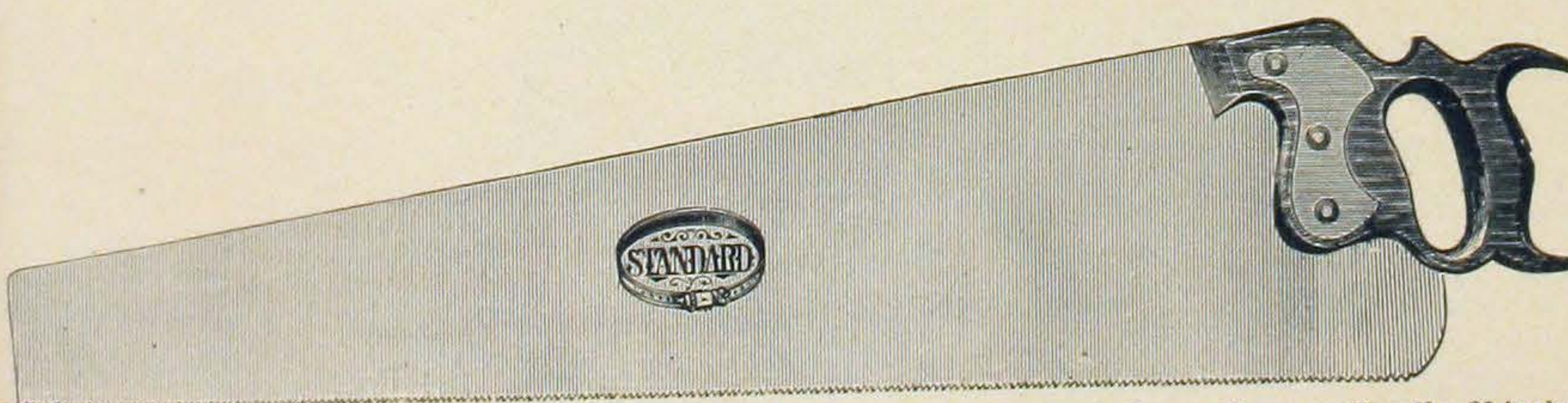
Beech Handle, Polished Edge, 3 Plain Screws, set and sharpened, 24 inch etched Rule.



No. 214.

Inch,	16	18	20
Net,			
Inch,	22	24	26
Net,			

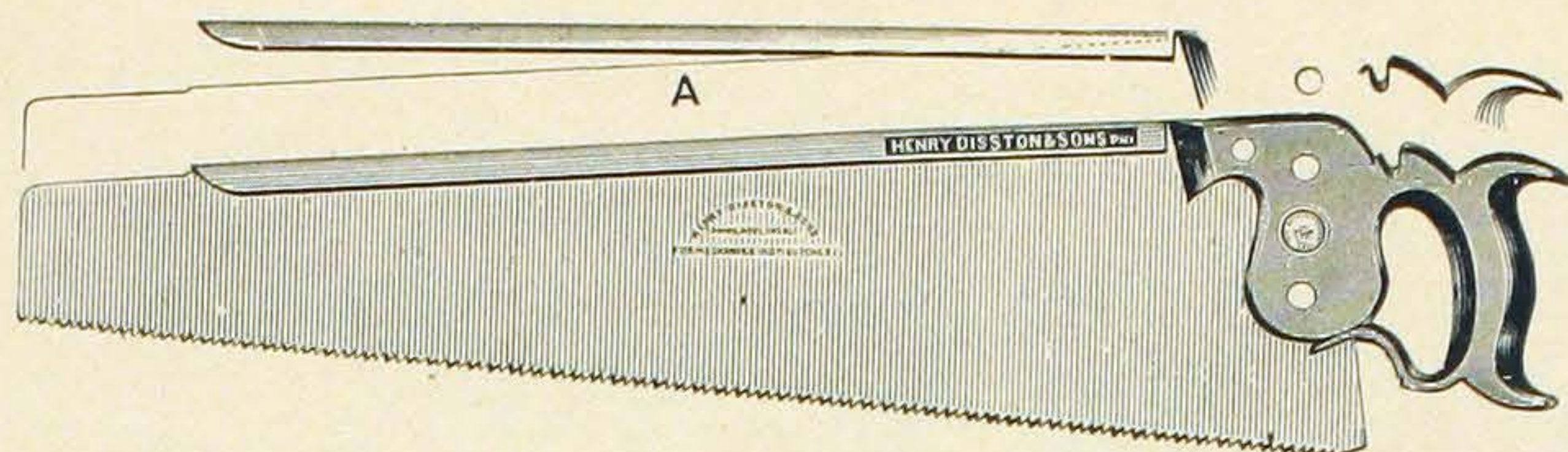
Beech Handles, 4 Centennial Brass Screws, set and sharpened, Close-up Handle, Full Width, 26 inches, Net.



No. 217.

Inch,	16	18	20
Net,			
Inch,	22	24	26
Net,			

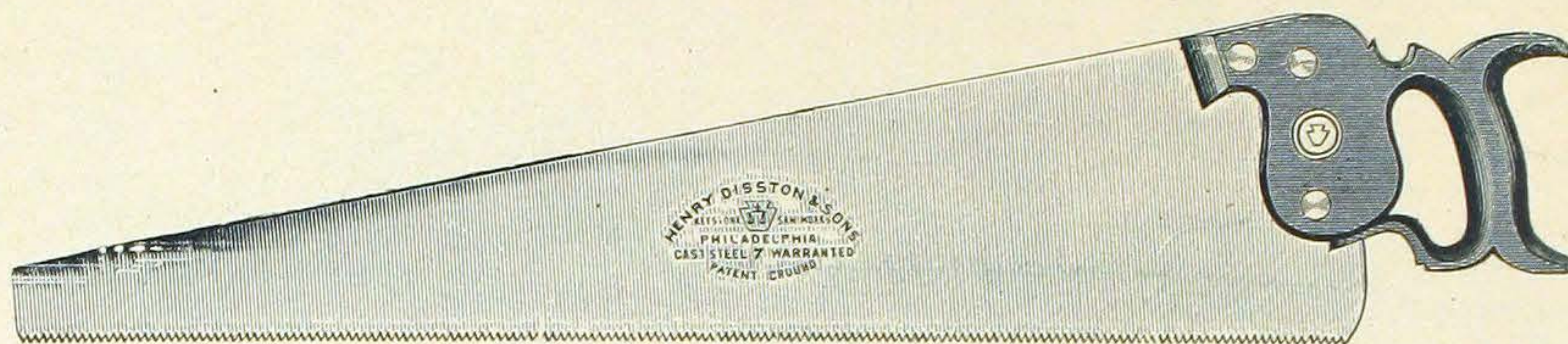
Black Walnut Handle, with Brass Screws and Steel Plates, Close-up Handle, 26 inches, Net.

**MOVABLE BACK SAW.**

Inch,	16	18	20	22	24	26
Per doz.,	\$16 75	18 00	20 00	22 50	24 00	25 00

This saw can be used with equal facility for either hand or back saw. When the back, A, is removed, the saw can be used as a hand saw. Replace the back, and a first-class back saw is the result. Same quality as Disston & Sons' No. 7.

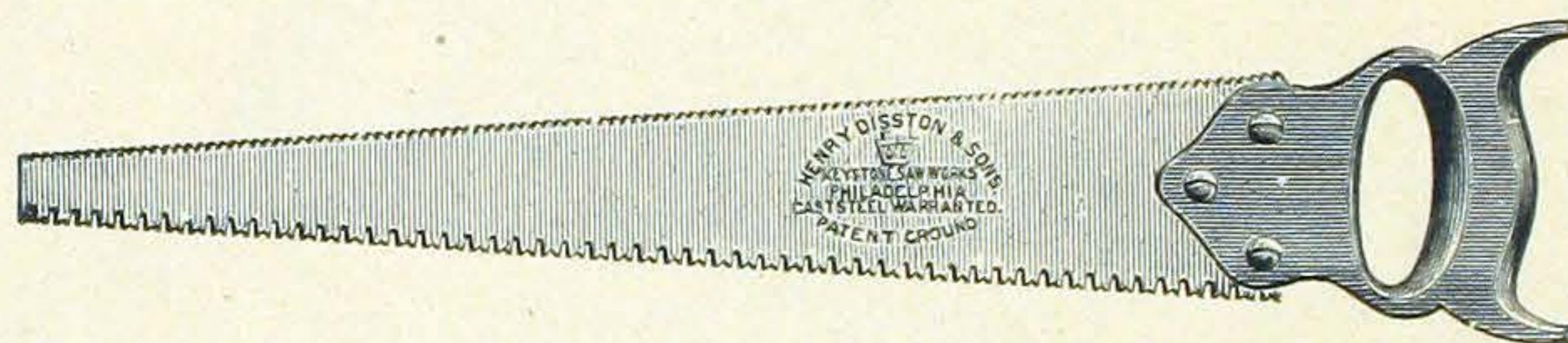
IN ONE-THIRD DOZEN BOXES.

SHIP CARPENTER'S SAW. No. 7.

18 inches.	20 inches.	22 inches.	24 inches.	26 inches.	28 inches.
\$14 00	16 00	18 00	19 00	20 00	23 50 per dozen.

This saw also made in any quality of Disston brand at their respective prices.

THE ABOVE IN ONE-THIRD DOZEN BOXES.

DISSTON'S PRUNING SAWS.**No. 4, DISSTON'S, DUPLEX.**

12	14	16	18	20	22 INCH.
\$8 50	9 00	9 50	10 50	11 50	12 50 per doz.

No. 40, AVERY SAW CO., DUPLEX.

12	14	16	18	20	22 INCH.
\$6 00	6 50	7 00	7 75	8 50	9 50 per doz.

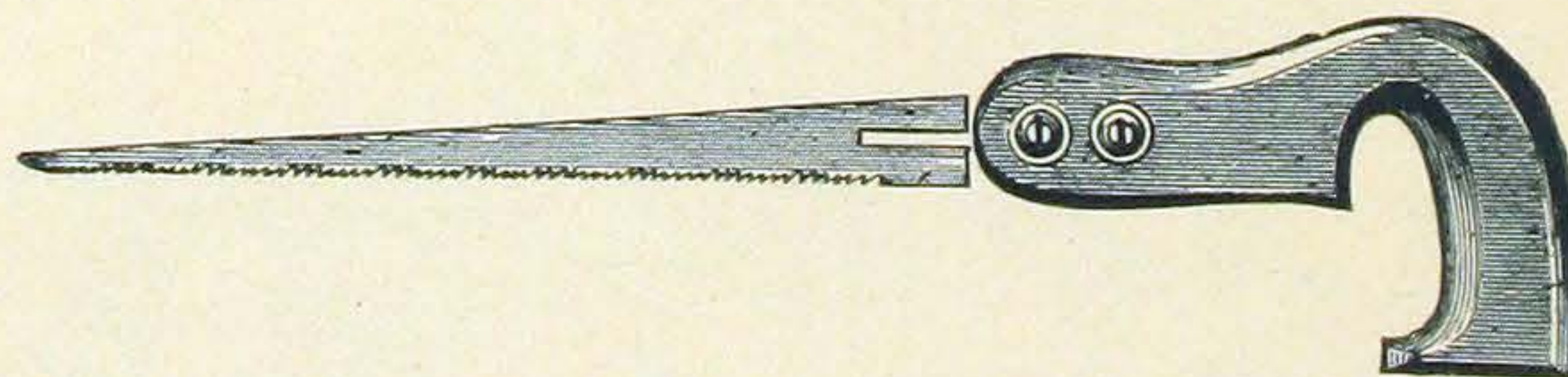
**No. 7, DISSTON'S.—Applewood Handle.**

12	14	16	18	20	22	24	26 INCH.
\$8 00	8 50	9 00	10 00	11 00	12 00	13 00	14 00 per doz.

No. 3, BROWN'S.—Beech Handle.

12	14	16	18	20	22	24	26 INCH.
\$5 50	6 00	6 75	7 50	8 25	9 00	9 75	10 50 per doz.

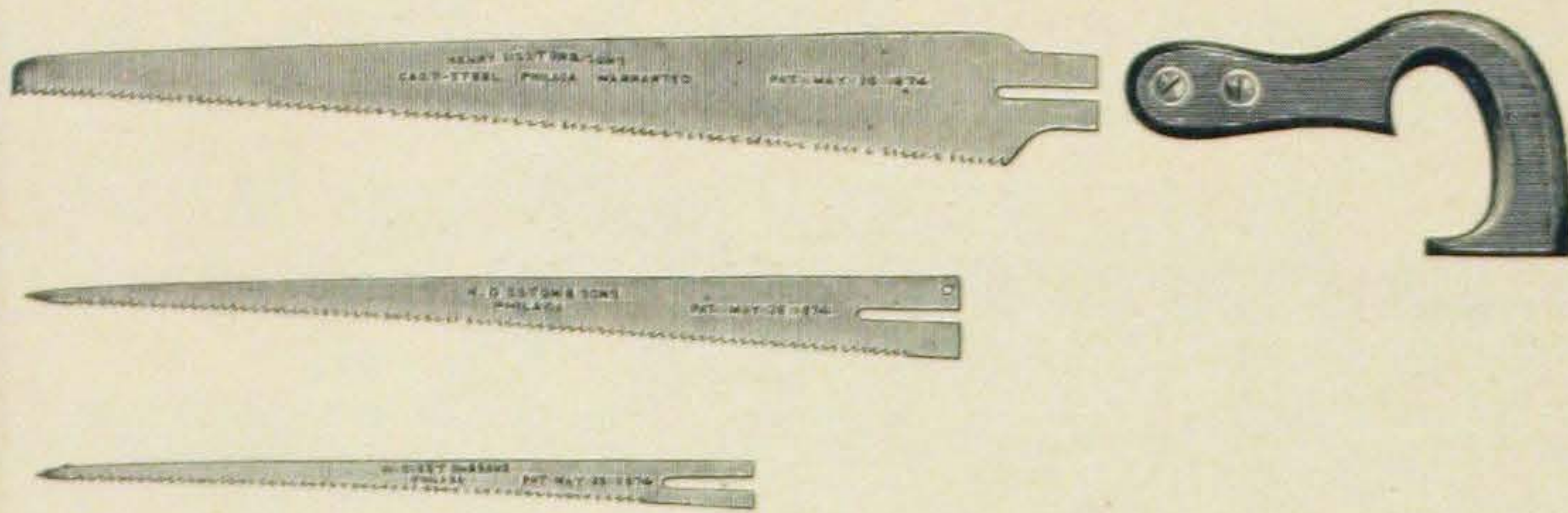
ONE THIRD DOZEN IN A BOX.

INTERCHANGEABLE COMPASS SAWS.

DISSTON'S. Separate and Complete.

	10	12	14	16	18	20 INCH.
Saws Complete,	\$4 50	5 00	5 50	6 00	6 50	7 00 per dozen.
Blades only,	2 50	2 75	3 00	3 25	3 50	"

ONE-QUARTER DOZEN IN A BOX.

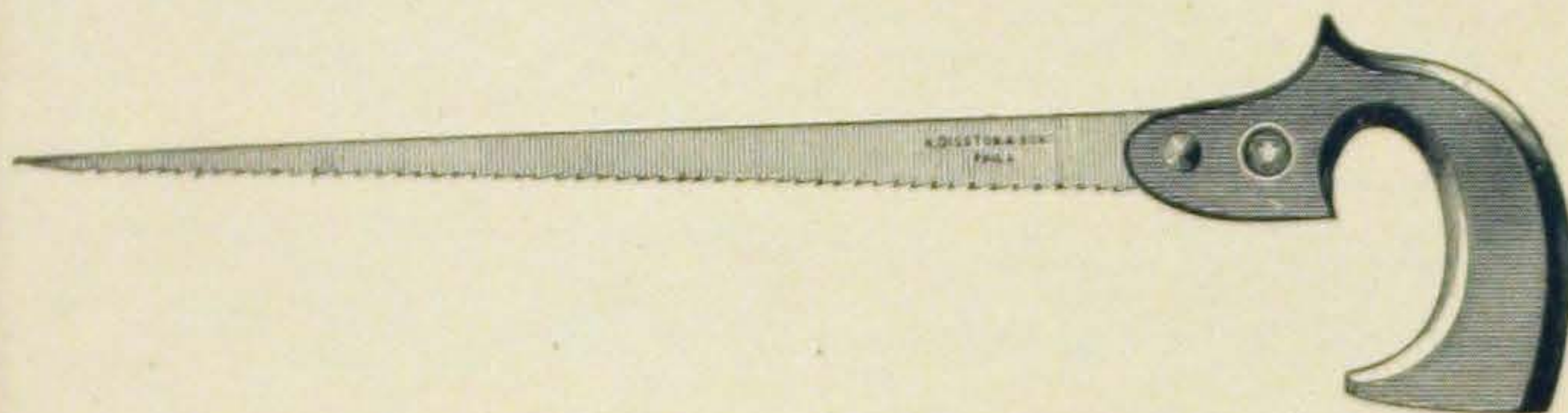


Nest of Saws.

Sets Complete, combining a Key Hole, Compass and Pruning per dozen.	
Saw, with Handle, (sets),	\$12.00
Key Hole Blades only,	1.50
Compass " "	3.00
Pruning " "	5.00
Handles and Screws,	2.50

THREE SETS IN A BOX.

DISSTON'S. Separate and Complete.



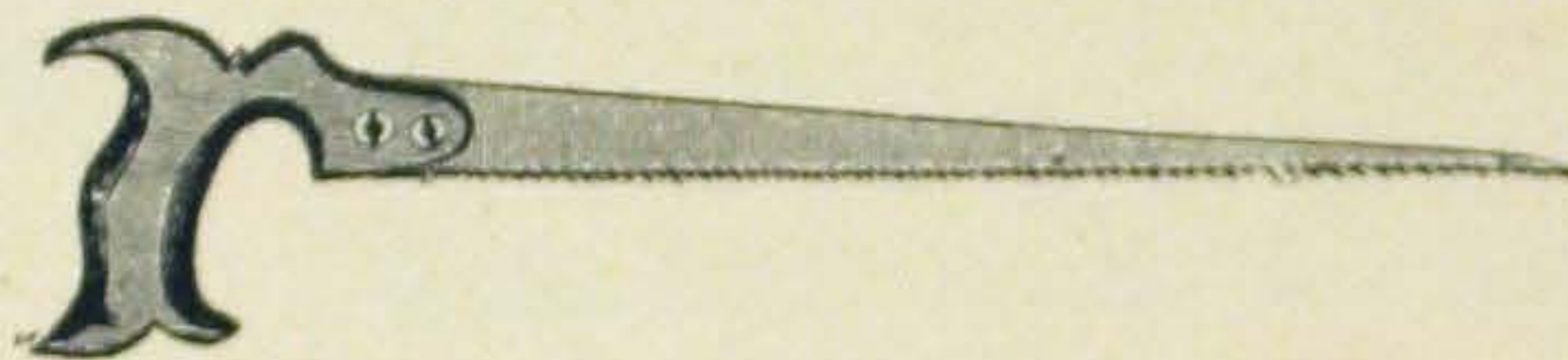
Compass Saws.

Inches,	10	12	14	16	18
Jackson, per dozen,	\$4 00	4 25	4 50	4 75	5 00
No. 2, Disston, "	4 25	4 50	4 75	5 00	5 25

HALF DOZEN IN A BOX.

JACKSON AND DISSTON'S.

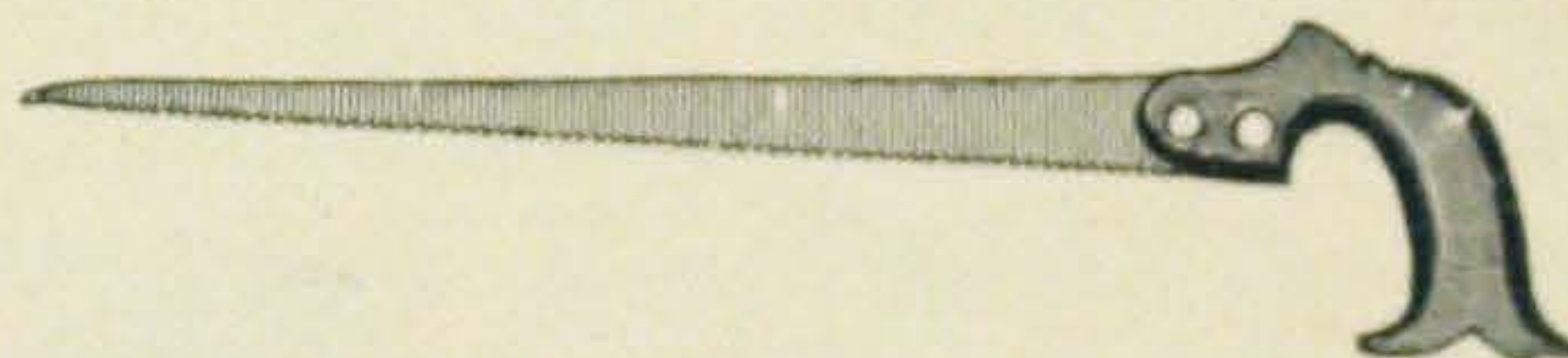
No. 3, Compass Saws.



Half dozen boxes, 10, 12, 14, 16 inches,

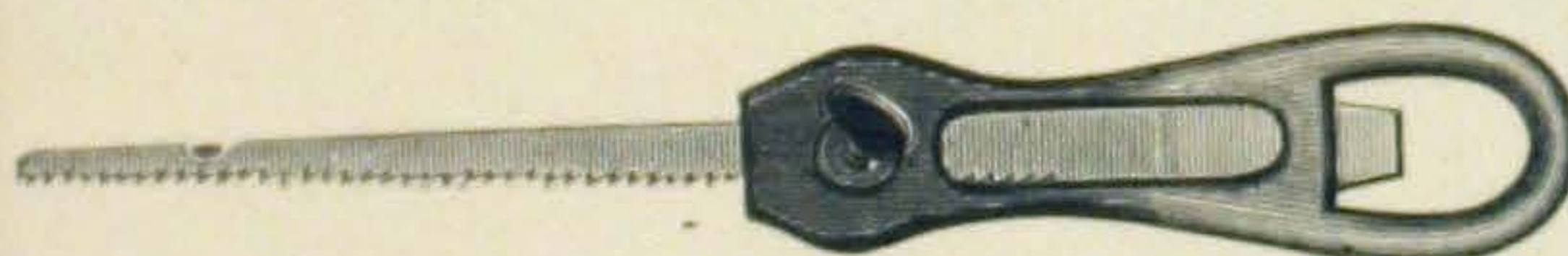
Net.

No. 2, Wooden Handle Key Hole Saws.



10, 12, 14 inches,

Net.



Keyhole Saw and Pad.

Saw Complete,	per dozen, \$2.50
Blades only,	" 1.25
Handles only,	" 1.25

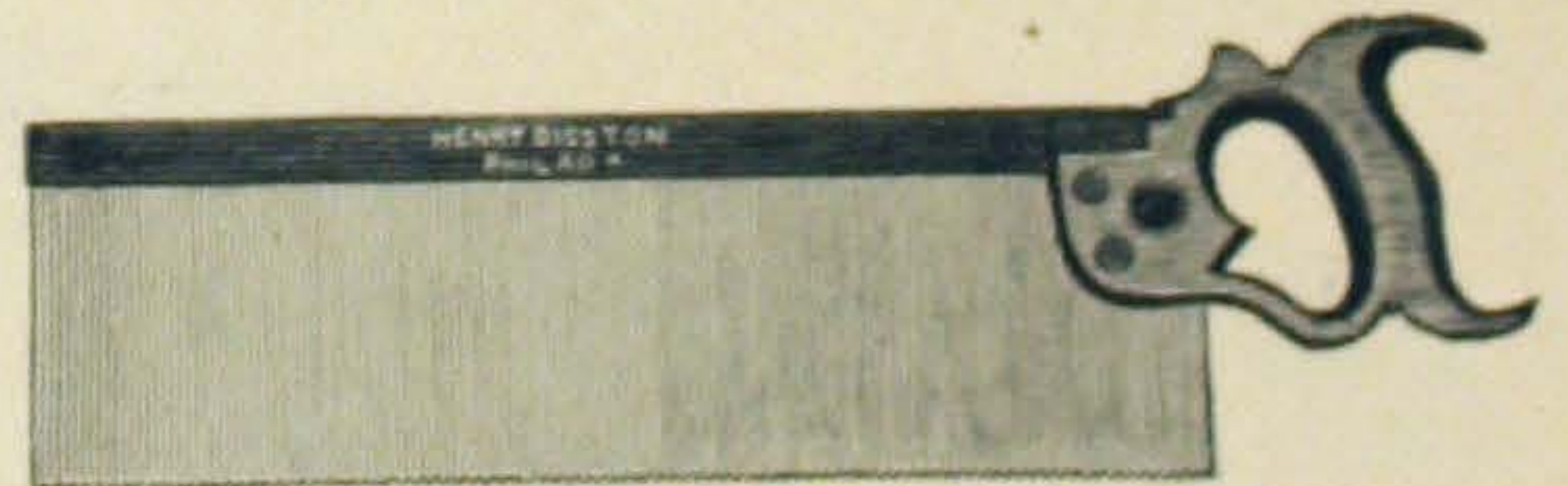
ONE DOZEN IN A BOX.

Disston's Combination of Key Hole Saw, Saw Pad and Screw Driver
Cast-Steel Key Hole Saws, extra ground. Set and Sharpened,
" Reversible Key Hole Saws,
" Blind-Makers' Saws,

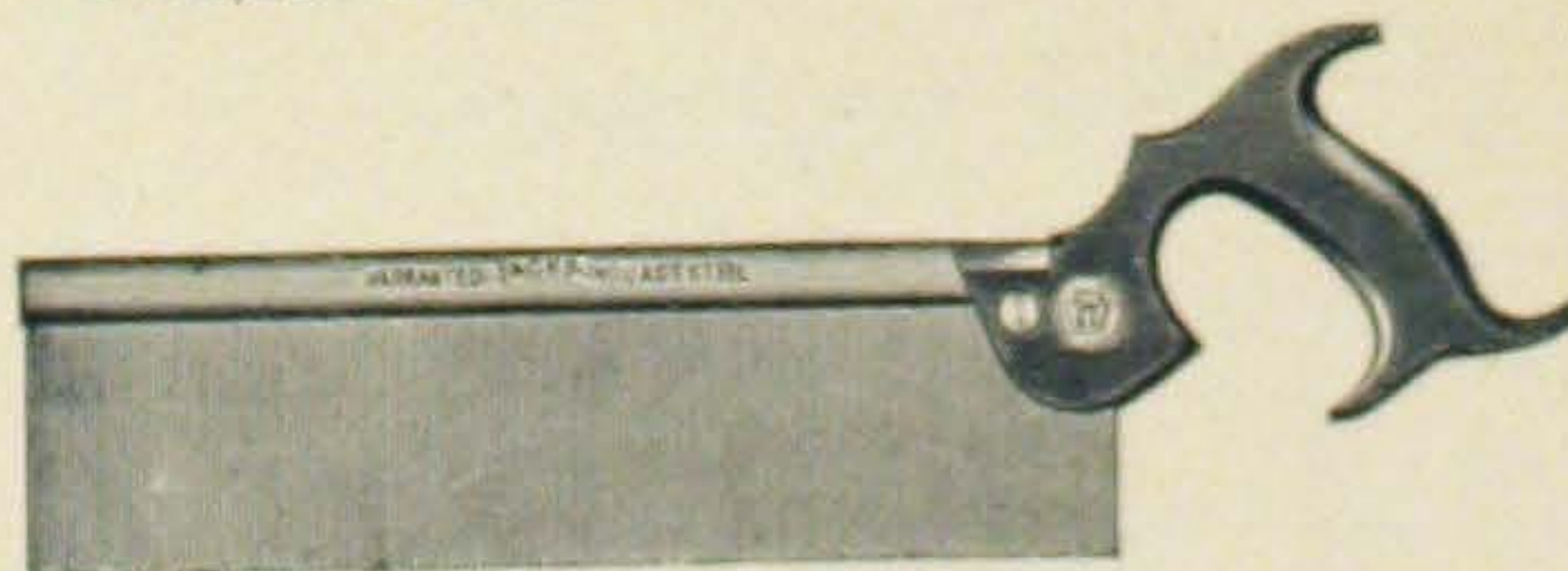
\$1.50 per dozen.
2.00 "
1.75 "

Henry Disston & Sons' Cast Steel Back Saws.

No. 4, DISSTON & SONS' Apple Handle, Polished Edge, Blue Back.	
8 10 12 14 16 18 inches.	
\$13 00 14 00 16 00 18 00 20 00 22 00 per doz.	
No. 5, DISSTON & SONS' as No. 4, Brass Back.	
8 10 12 14 16 18 inches.	
\$18 00 19 00 21 00 23 00 26 00 30 00 per doz.	
No. 7, DISSTON & SONS' as No. 4, with Polished Steel Back.	
8 10 12 14 16 18 inches.	
\$14 00 15 00 17 00 19 00 21 00 23 00 per doz.	



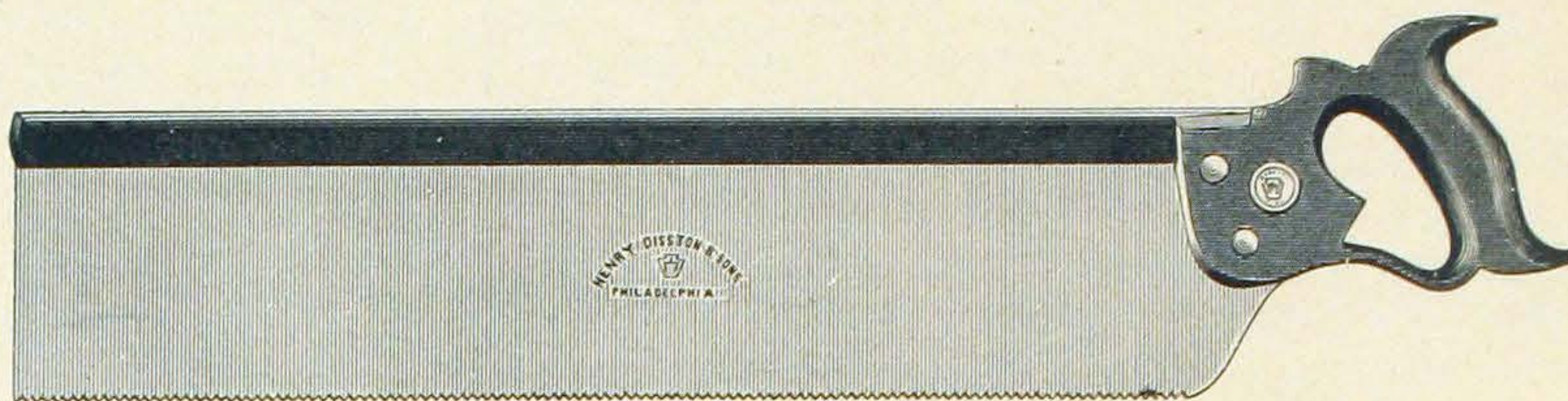
Jackson's Cast-Steel Back Saws.



No. 1. JACKSON'S Beech Handle, Polished Edge, Blue Back.

8 10 12 14 16 18 20 22 24 inches.	
\$9 00 10 00 12 00 14 00 16 00 18 00 20 00 22 00 24 00 per dozen.	

**Henry Disston & Sons' Cast Steel, Apple Handle, Polished Edge, Steel Back
Mitre Box Saw.**



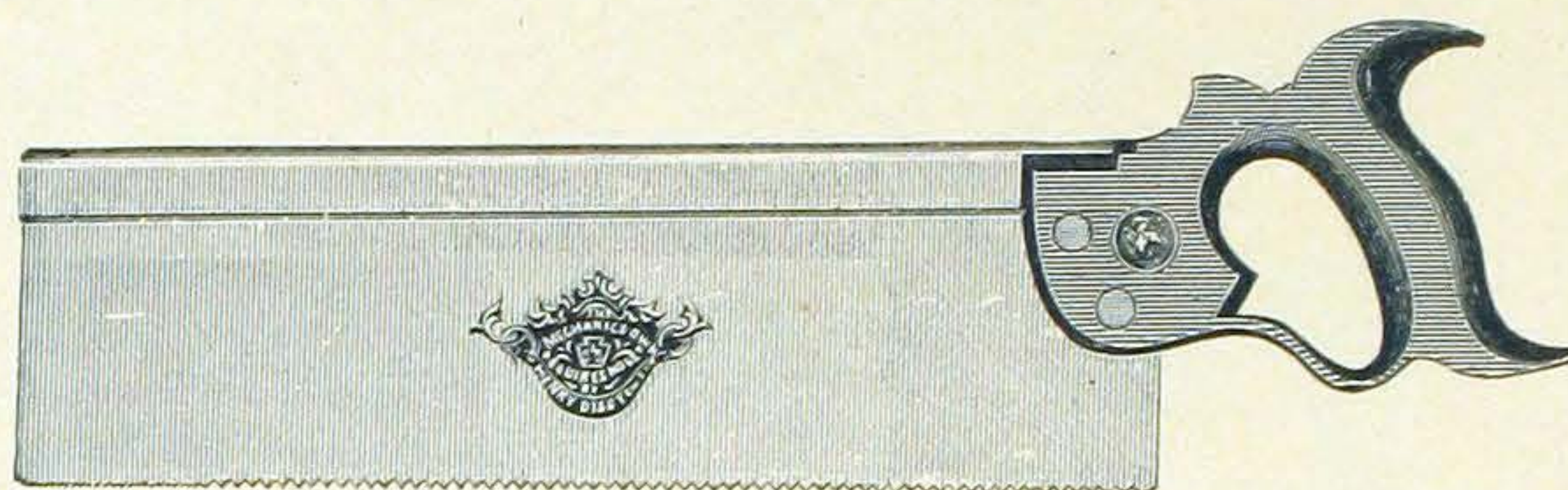
No. 4.

Inch,	18	20	22	24	26	28	30
Per dozen,	\$22 00	24 00	26 00	28 00	30 00	32 00	34 00

Back Saws for mitre box, 4 inches under back.

No. 77 Back Saws, Disston & Son's Mechanics' Own.

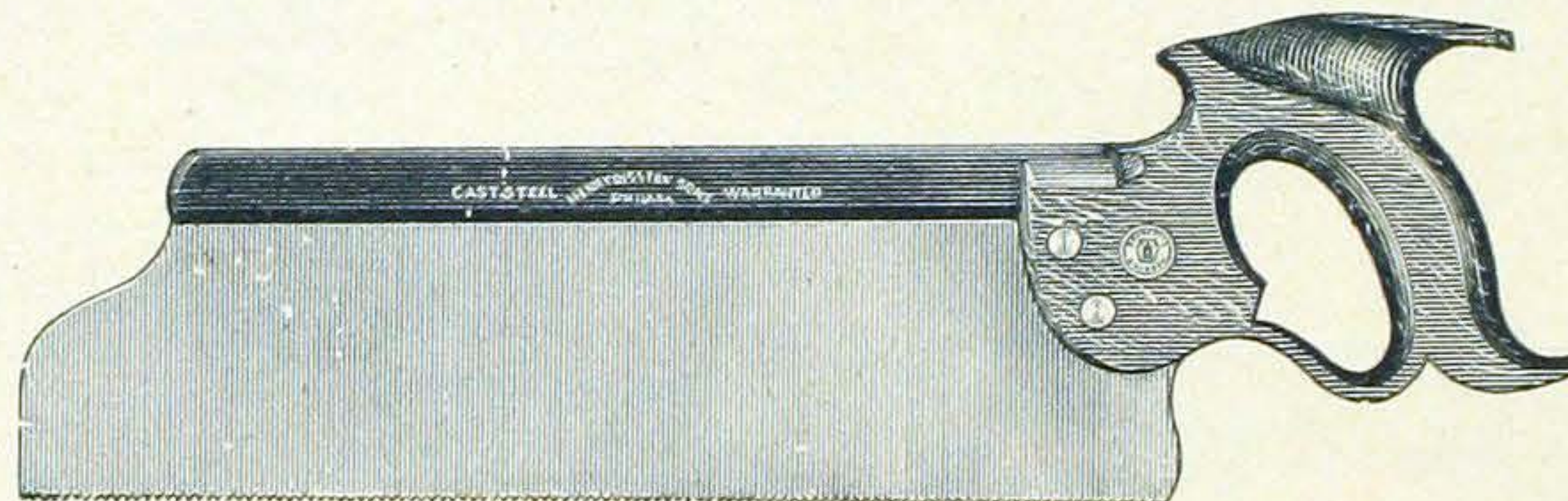
To run without set.



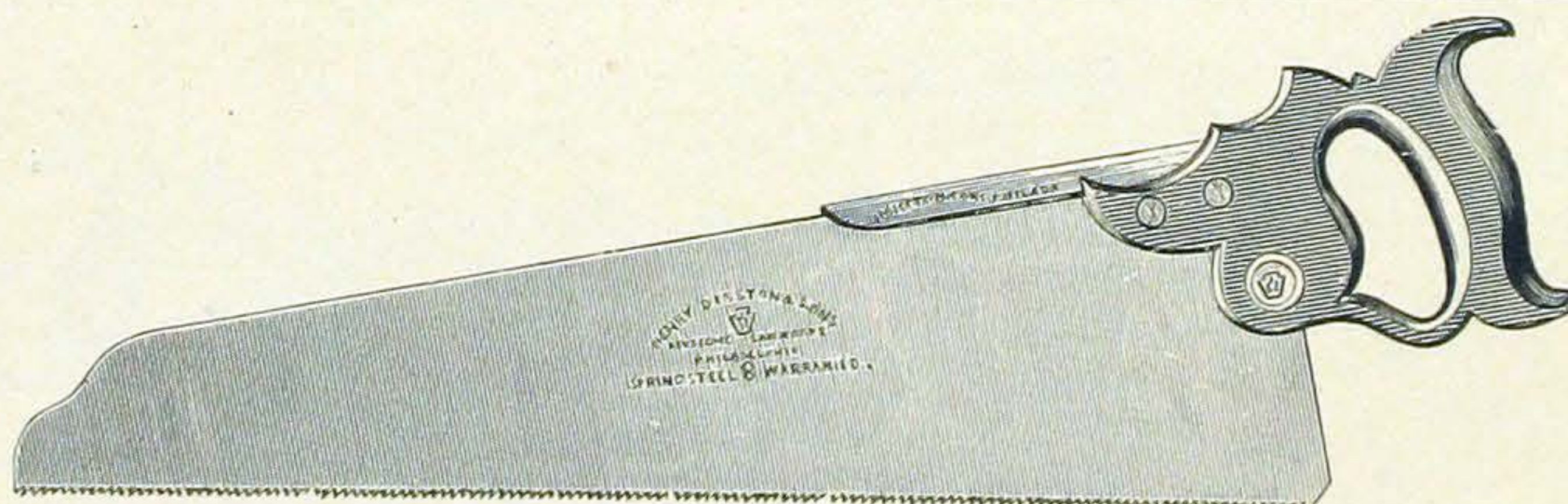
Inch,	8	10	12	14	16	18	20	22	24	26
Per dozen, . . .	\$16 00	18 00	20 00	22 00	25 00	28 00	31 00	34 00	37 00	40 00

ABOVE, ONE-THIRD DOZEN BOXES.

Henry Disston & Sons' Improved Back Saw No. 9.



10 inches.	12 inches.	14 inches.	16 inches.	18 inches.
\$14 50	16 50	18 50	20 50	22 50 per dozen.



Gents' Half Back Bench Saws.

14	16	18	20 inches
\$18 00	21 00	24 00	27 00 per dozen.

ONE-THIRD DOZEN IN A BOX.

Web Saw Frames.

12,	14,	16,	18,	20 inch,	.	.	.	.	.	.	.	.	.	.	\$6 50 per dozen.
22,	24,	26,	28,	30,	32,	34,	36	inch,	.	.	.	.	.	.	7 50 "

Wood Saw Frames.

No. 3 Frame, \$12 50 per gross. | No. 6 Frame, \$20 00 per gross.

THE ABOVE IN HALF-GROSS CASES.

Disston's Billet Webs or Wood Saw Blades.



PLAIN TOOTH.



PEG TOOTH.



ROUND BREASTED.



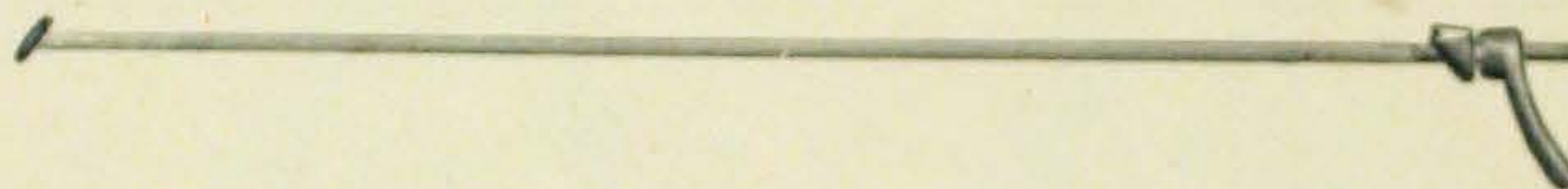
No. 77 BLADE.

ALL SET AND SHARPENED.

No.			LENGTH.	
			30 in.	32 in.
No. 3,	Marshal, Plain Tooth,	per doz.	\$3.75	\$4.00
" 3,	" Peg	" "	4.25	4.50
" 4,	Jackson, Plain	" "	3.00	3.25
" 4,	" Peg	" "	3.25	3.50
" 6,	Disston, Plain	" "	6.00	6.50
" 6,	" Round Breasted,	" "	6.00	6.50
" 6,	" Peg Tooth,	" "	6.25	6.75
" 9,	" Plain	" "	6.50	7.00
" 9,	" Peg	" "	7.00	7.50
" 11,	" Plain	" "	9.00	9.50
" 11,	" Peg	" "	9.50	10.00
" 77,	" Improved Blade,	" "	6.50	
" 45,	" Round Breasted,	" "	6.00	6.50

ONE DOZEN IN A PACKAGE.

Disston's Improved Straight Rod Lever Nut.



20
\$6 00

21
6 25

22
6 50

23
6 75

24 inches
7 00 per gross.

Straight Swivel Rod.



20
\$9 00

21
9 25

22
9 50

23
9 75

24 inches.
10 00 per gross.

Patent Duplex Loop Rod, Plain.



20
\$8 75

21
9 00

22
9 25

23
9 50

24 inches.
9 75 per gross.

Patent Duplex Loop Rod, Tinned.

20
\$12 75

21
13 25

22
13 75

23
14 25

24 inches.
14 75 per gross.

Swivel Loop Rod.



20
\$9 00

21
9 25

22
9 50

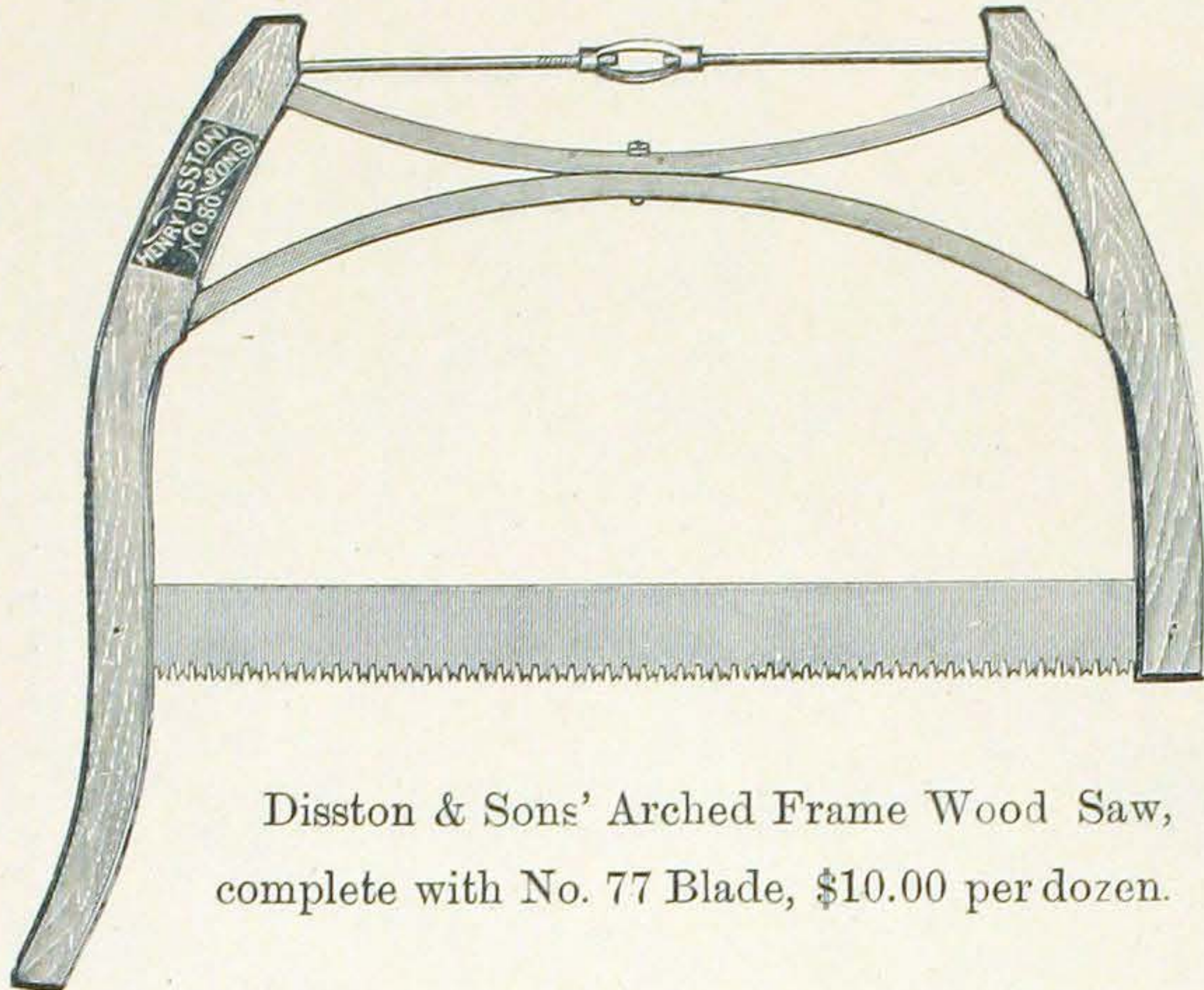
23
9 75

24 inches.
10 00 per gross.

Special Rods made to order.

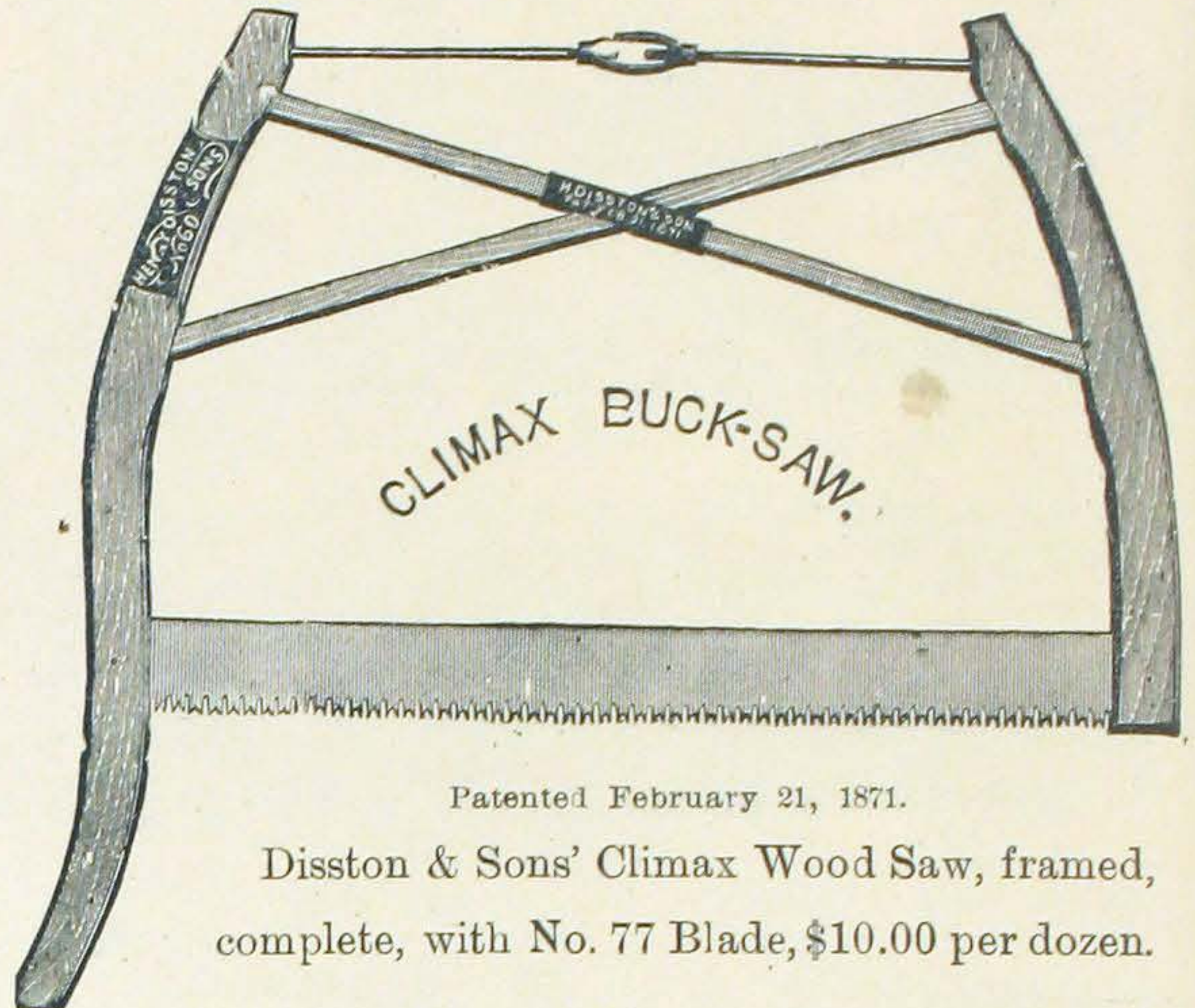
The above in dozen bundles.

No. 80, Brace Frame.



Disston & Sons' Arched Frame Wood Saw,
complete with No. 77 Blade, \$10.00 per dozen.

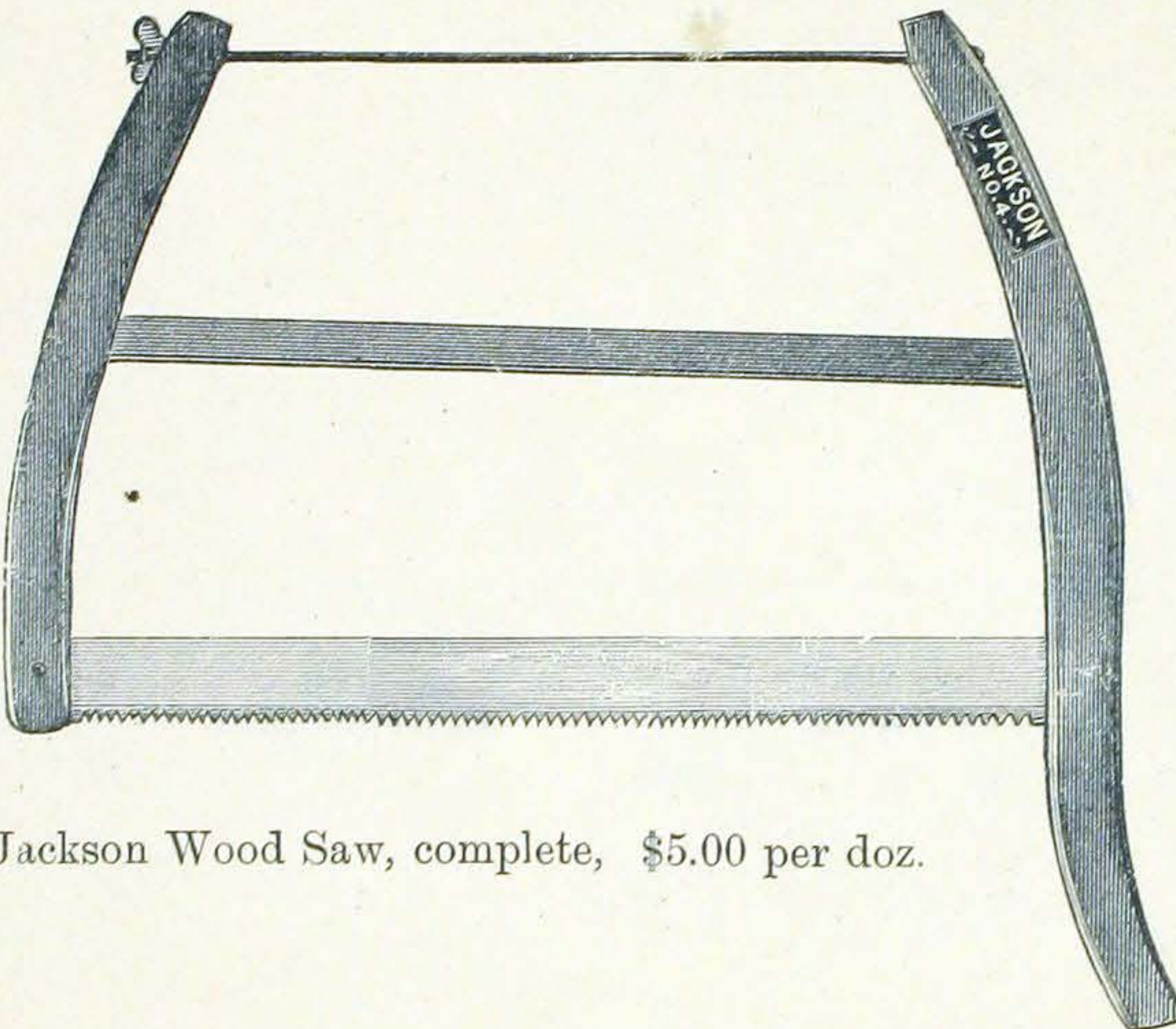
No. 60, Climax Frame.



Patented February 21, 1871.

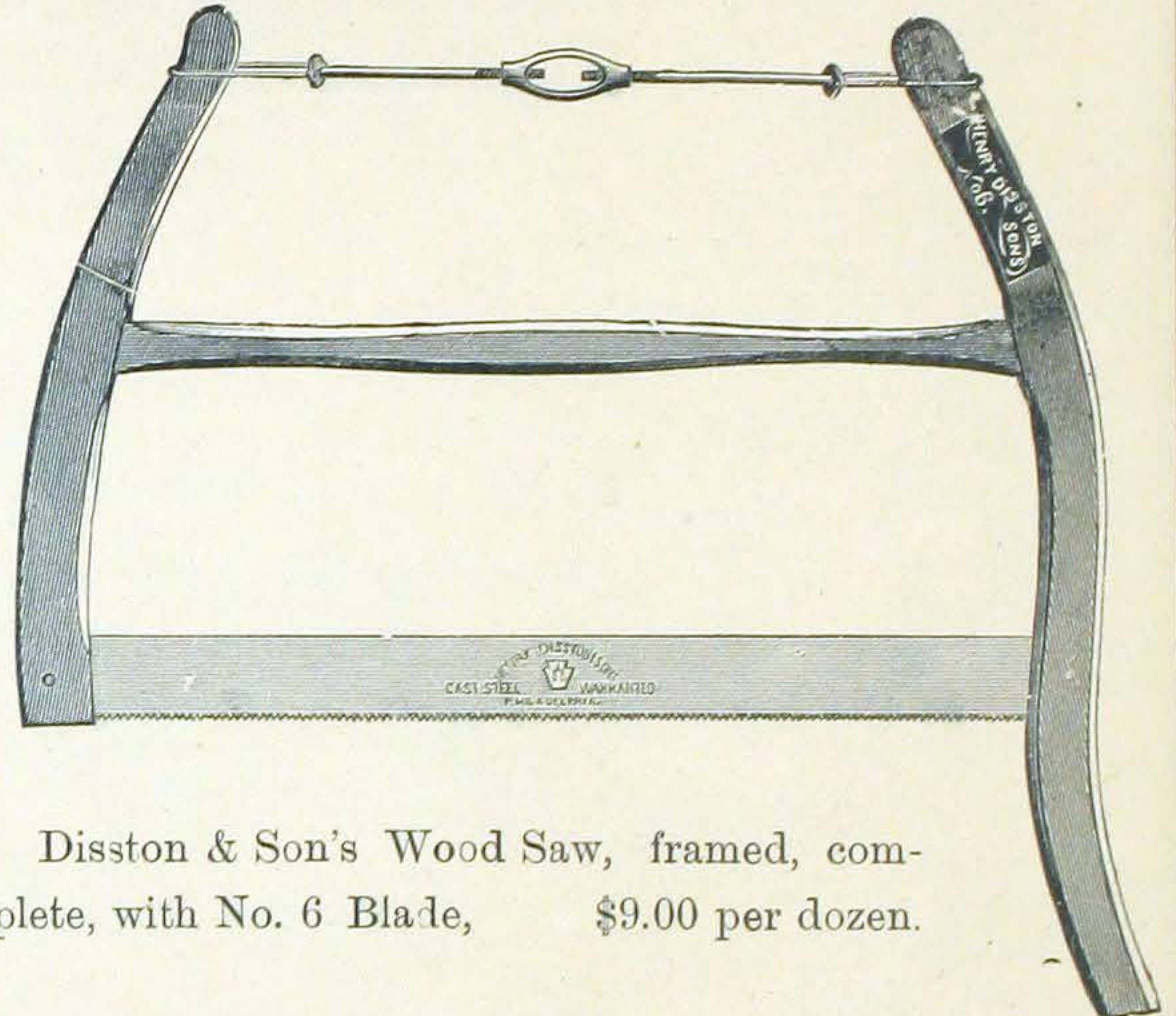
Disston & Sons' Climax Wood Saw, framed,
complete, with No. 77 Blade, \$10.00 per dozen.

No. 4, Jackson Wood Saws.



Jackson Wood Saw, complete, \$5.00 per doz.

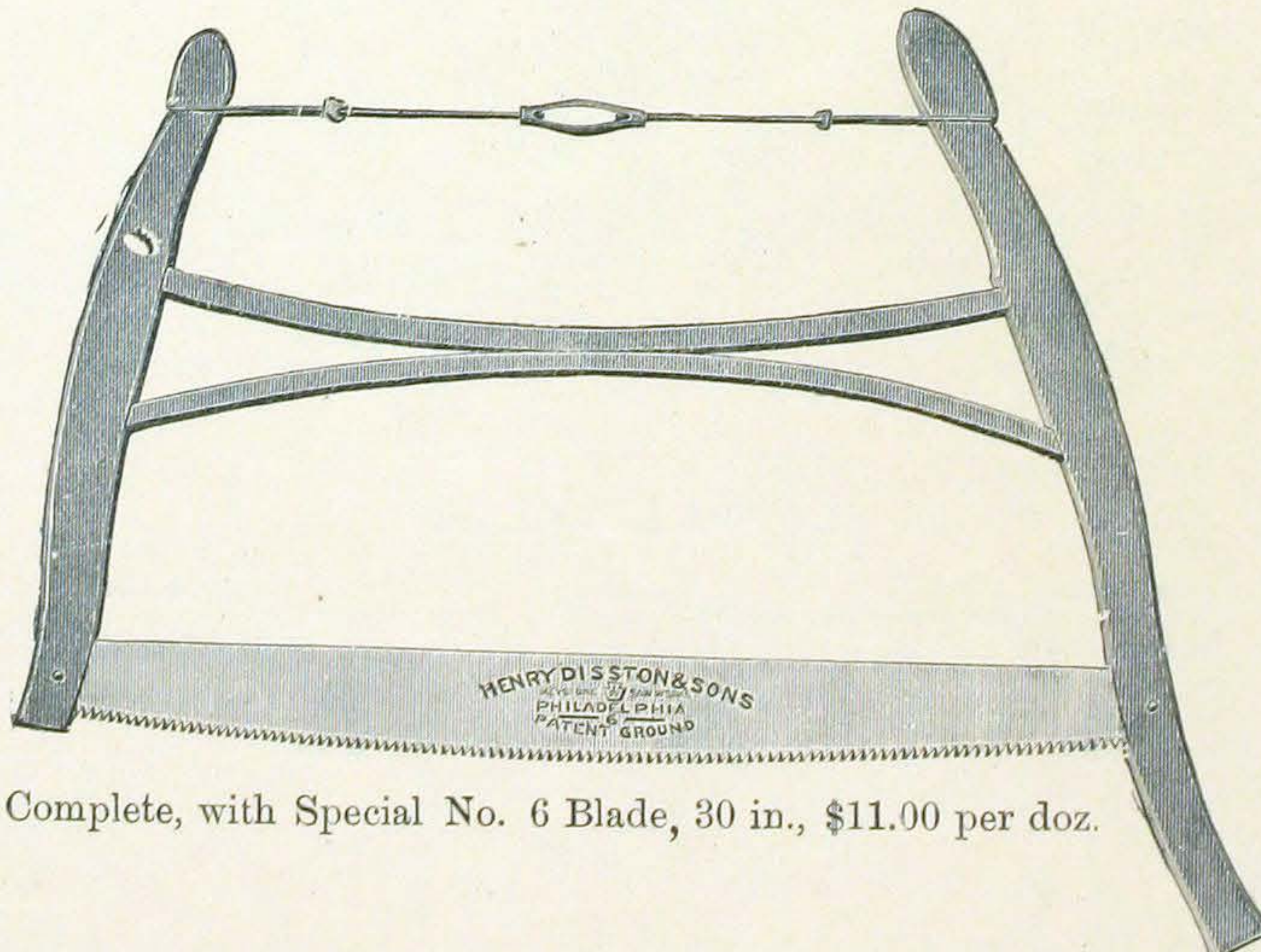
No. 6. Disston & Sons' Wood Saws.



Disston & Son's Wood Saw, framed, com-
plete, with No. 6 Blade, \$9.00 per dozen.

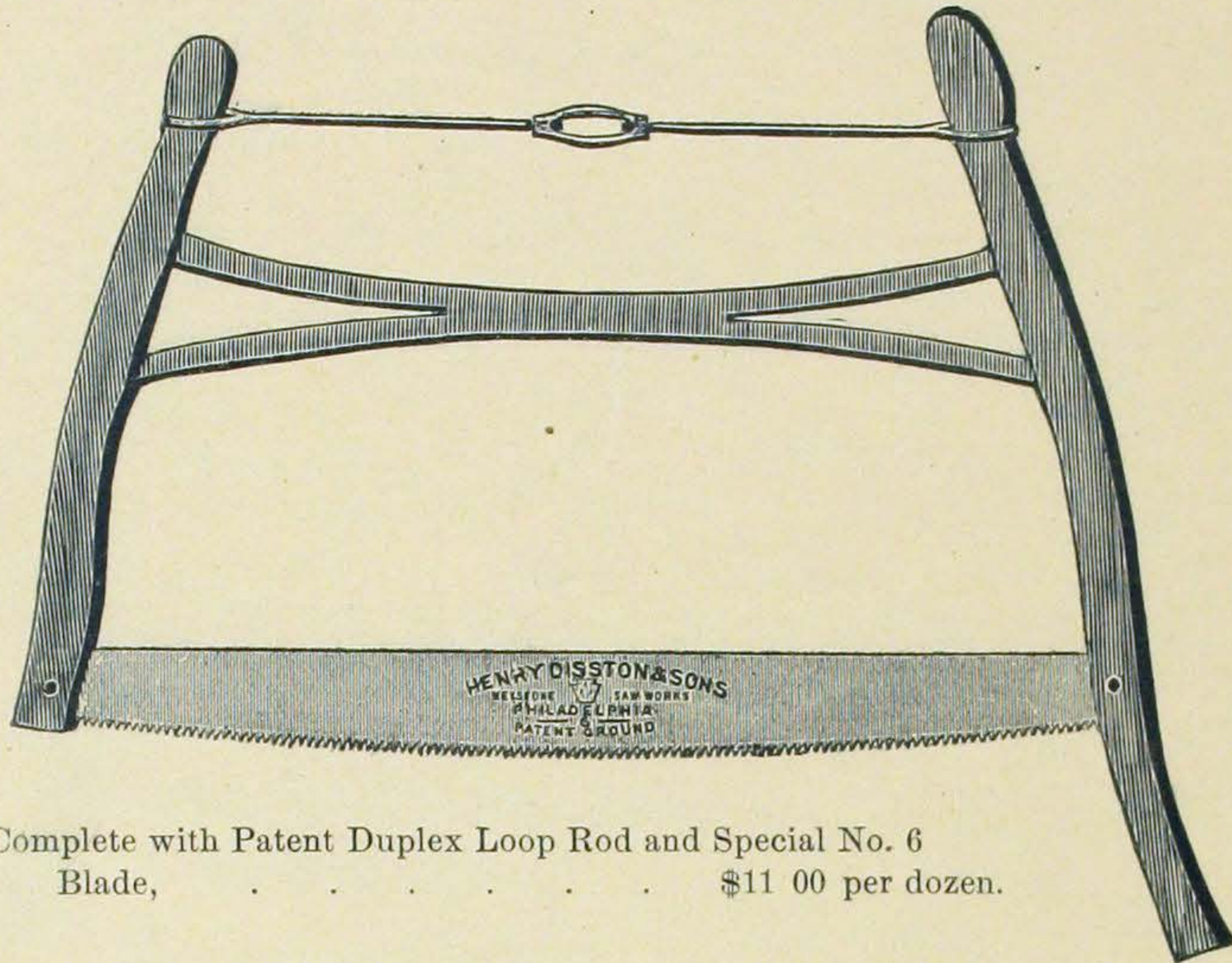
Disston, Boston, Red Frame.

No. 50.

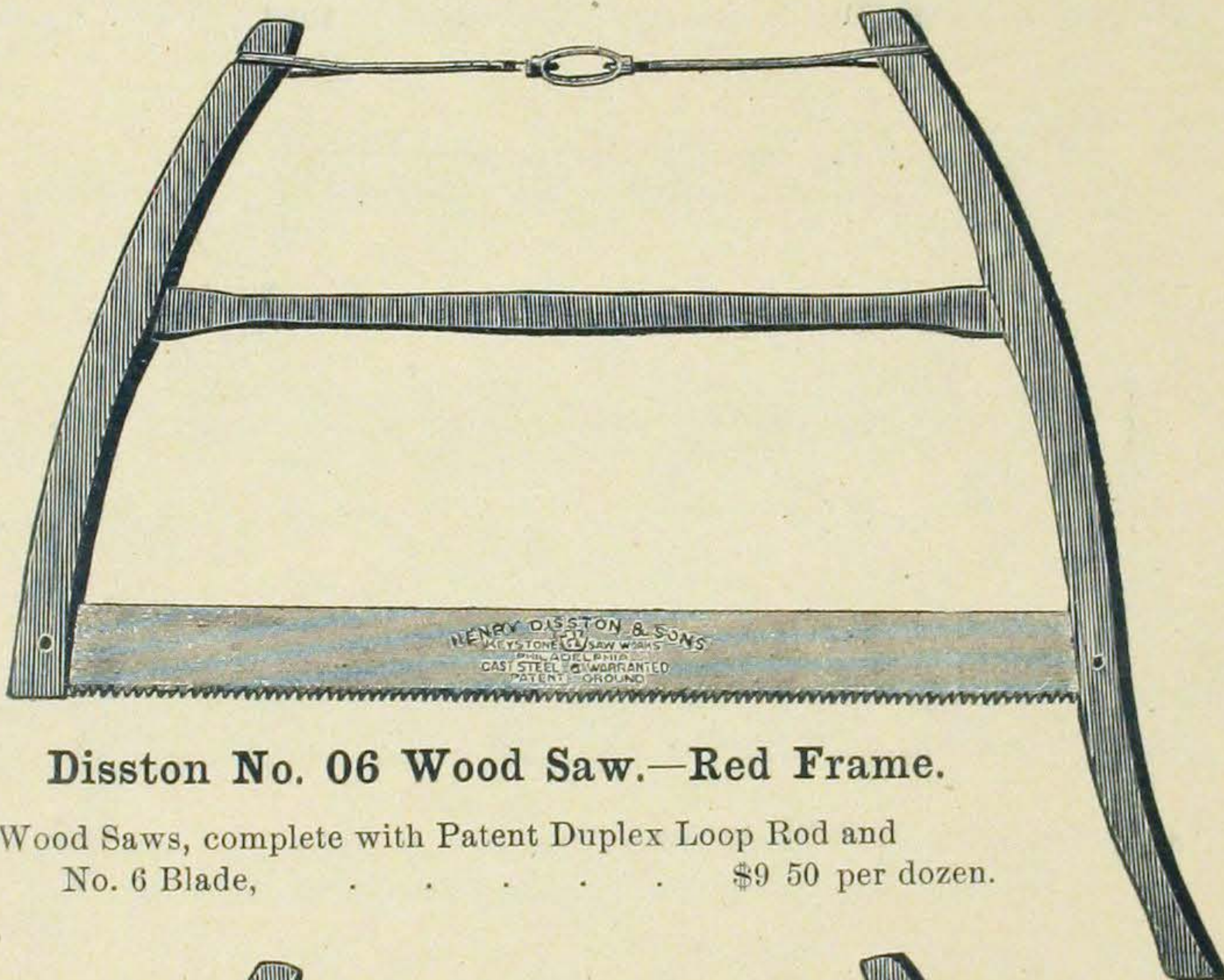


Complete, with Special No. 6 Blade, 30 in., \$11.00 per doz.

Electric No. 40 Wood Saw.—Red Frame.

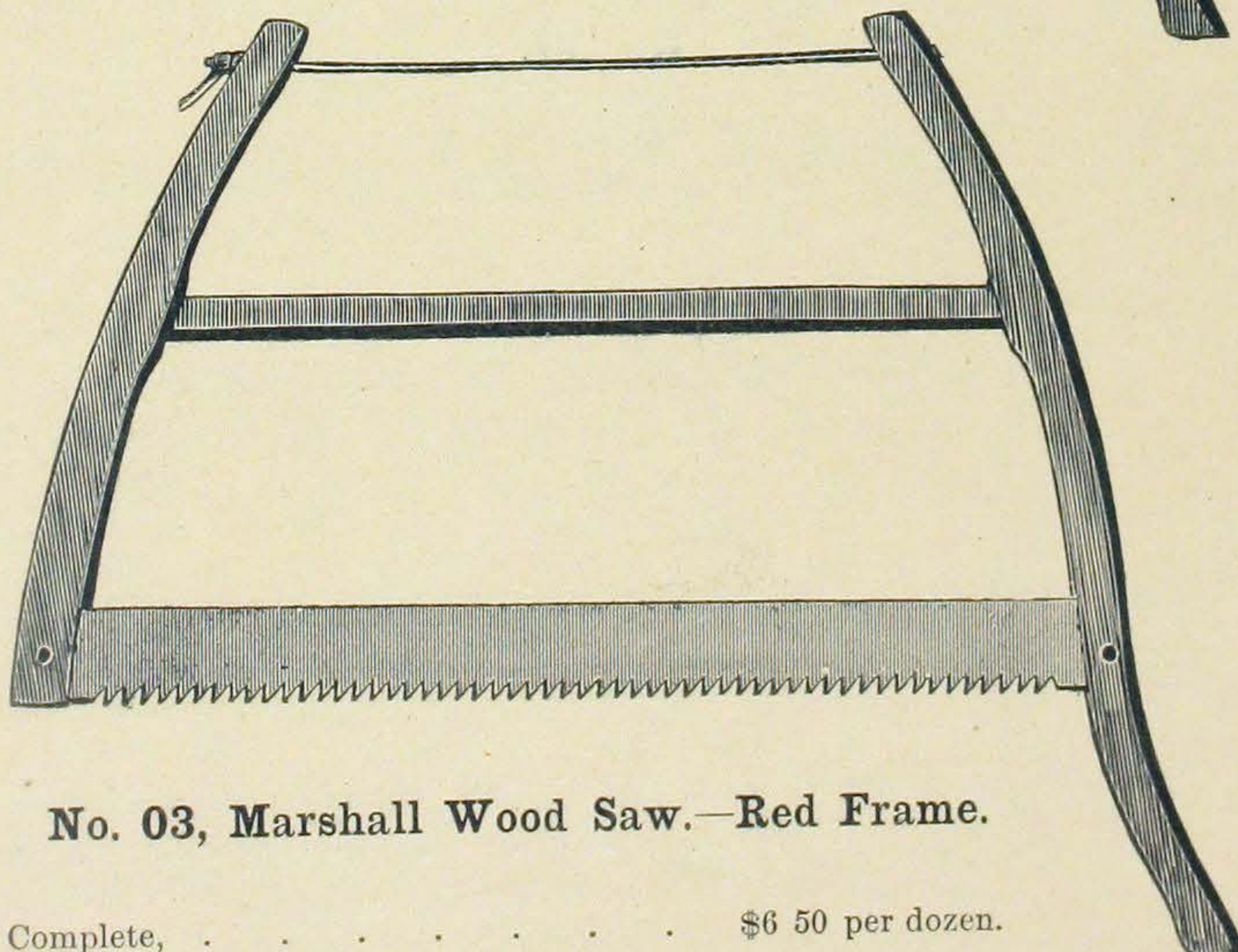


Complete with Patent Duplex Loop Rod and Special No. 6
Blade, \$11 00 per dozen.



Disston No. 06 Wood Saw.—Red Frame.

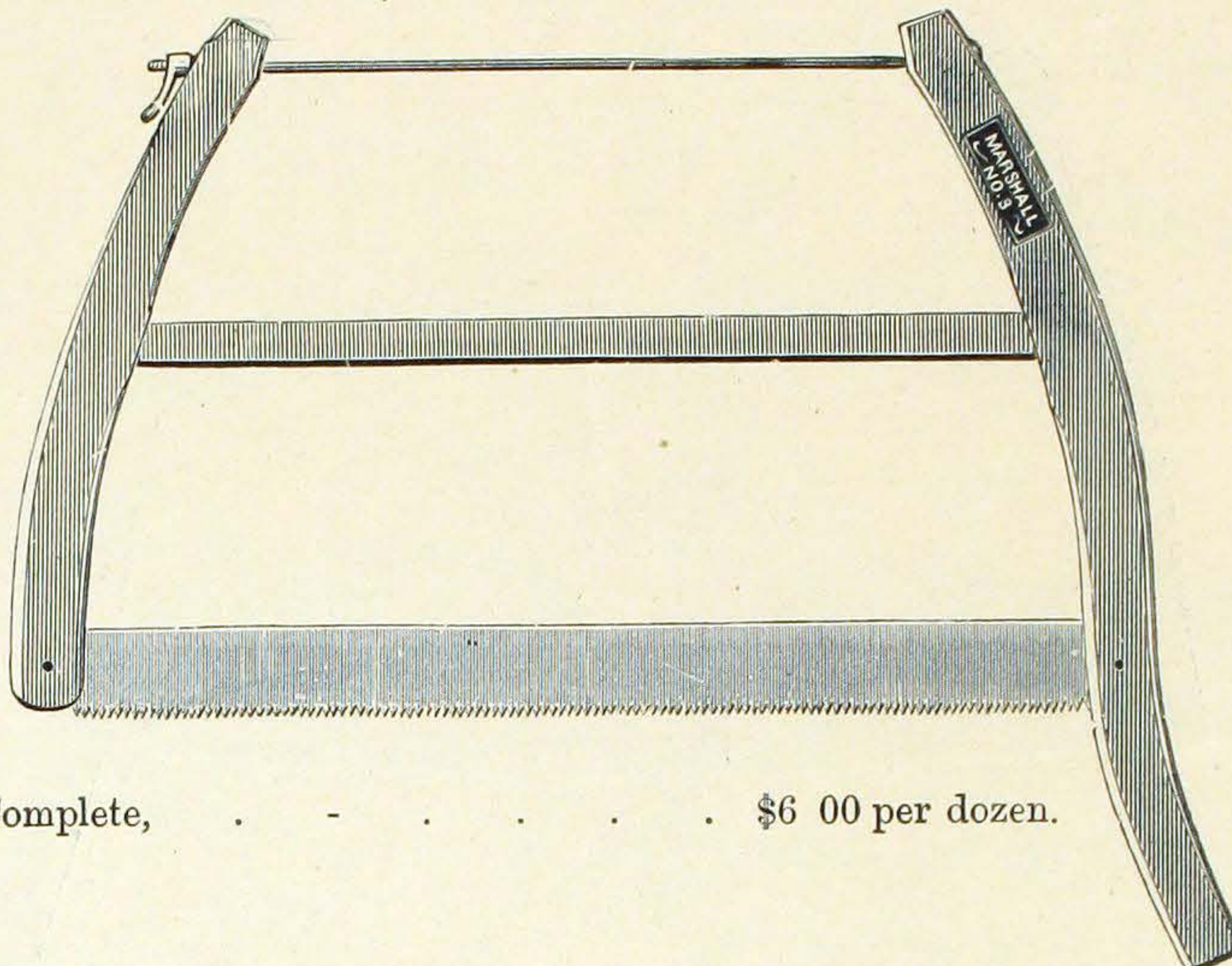
Wood Saws, complete with Patent Duplex Loop Rod and
No. 6 Blade, \$9 50 per dozen.



No. 03, Marshall Wood Saw.—Red Frame.

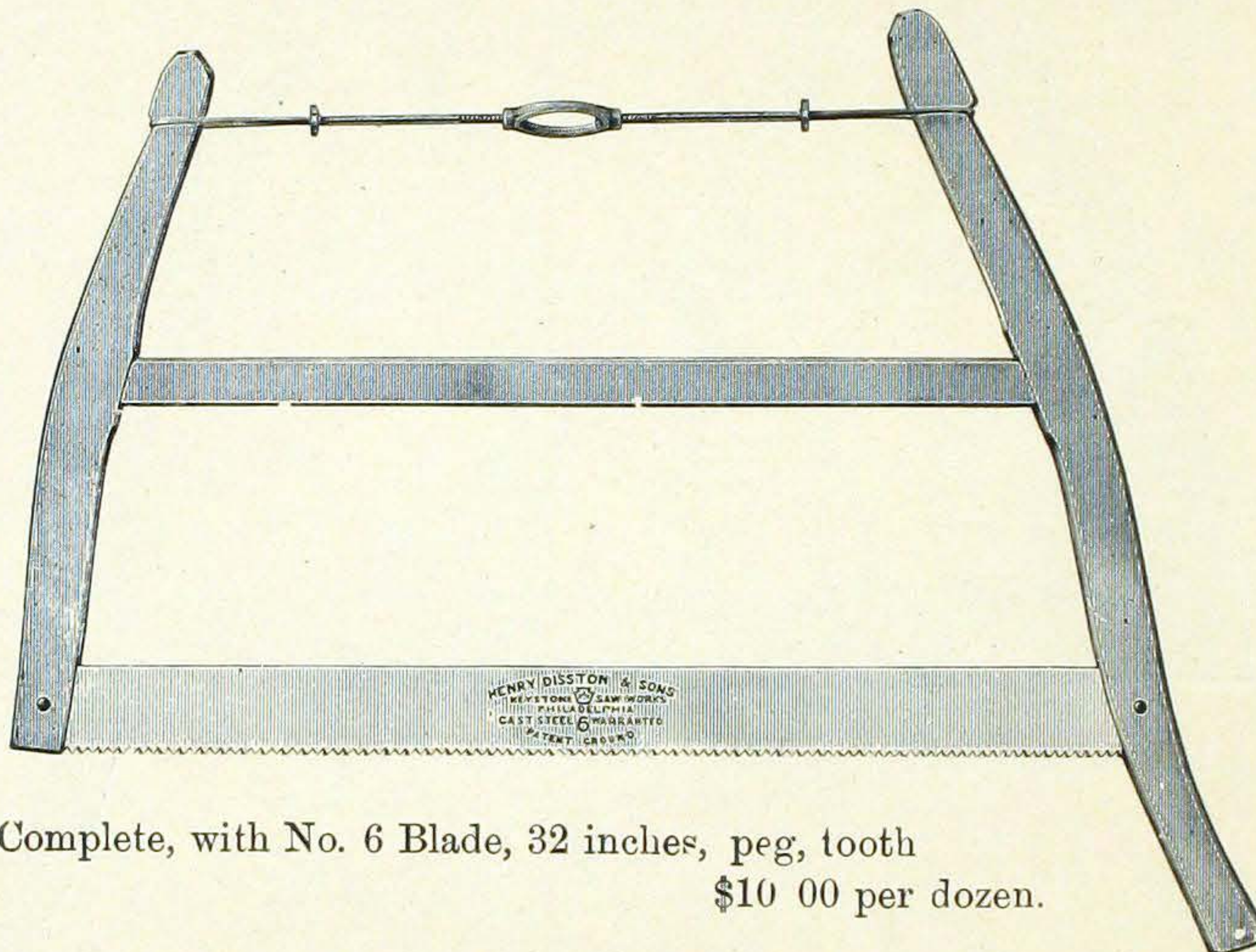
Complete, \$6 50 per dozen.

No. 3, Marshall Wood Saw.



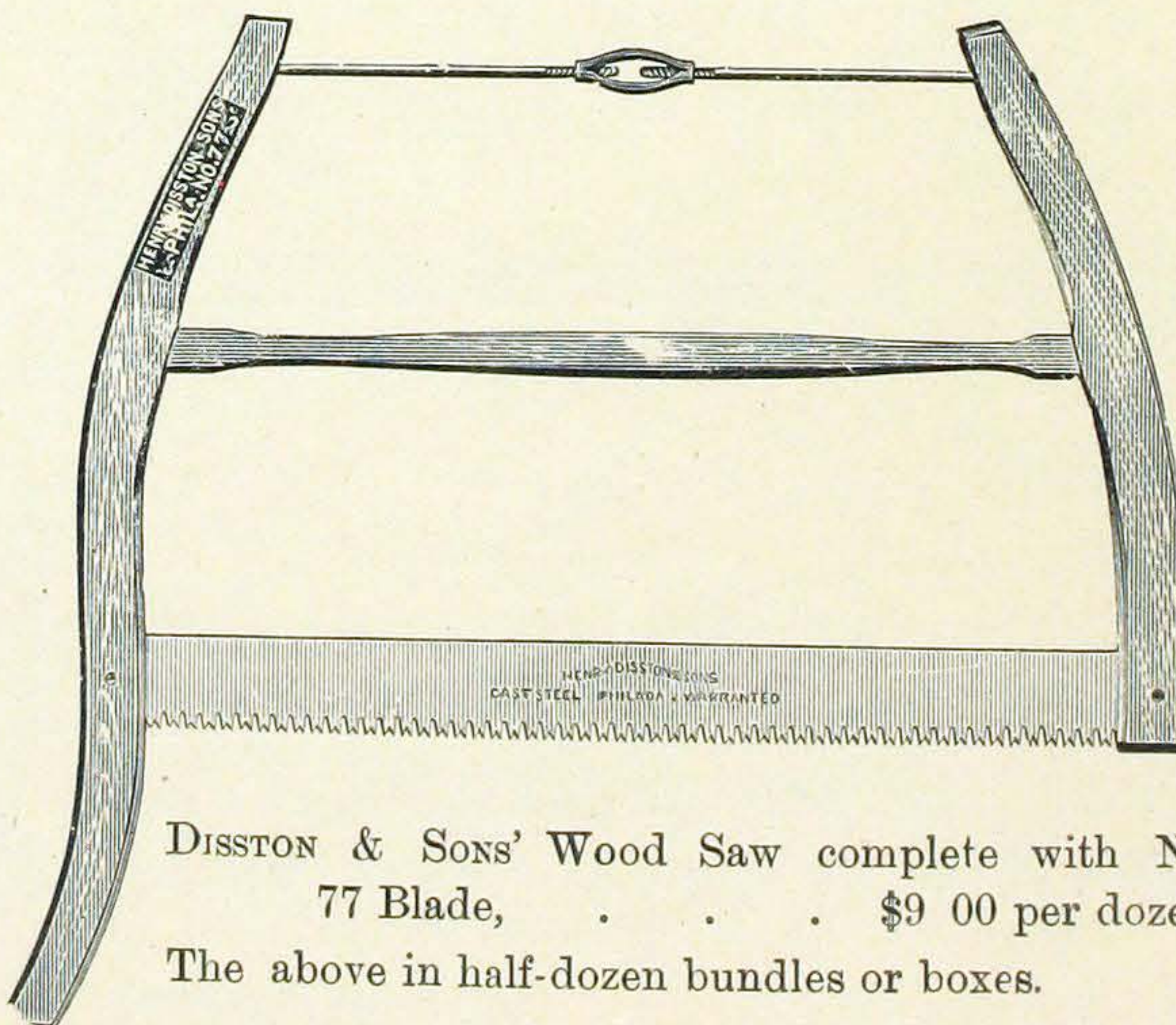
Complete, \$6 00 per dozen.

No. 75, Disston & Sons', Boston Framed Wood Saw.



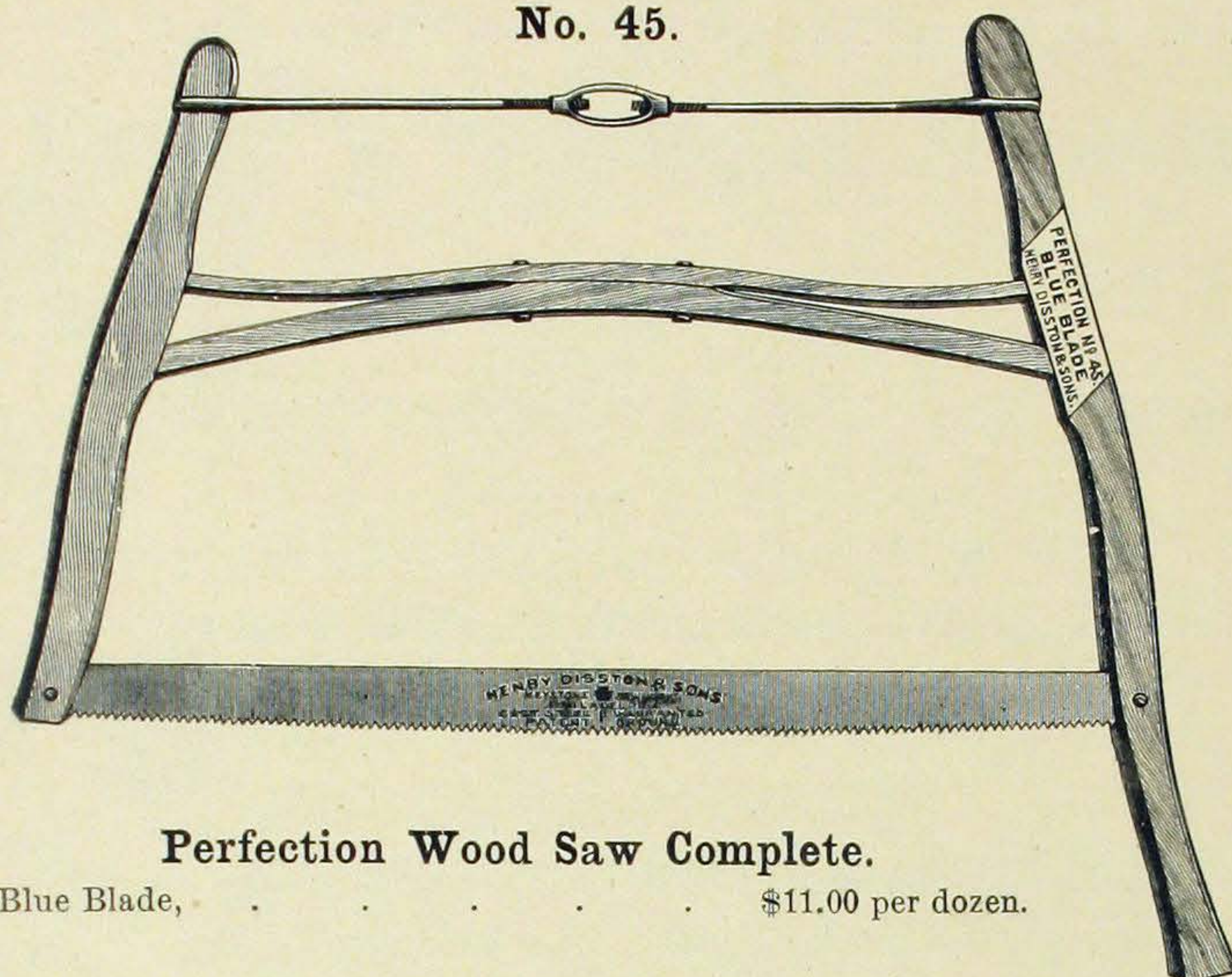
Complete, with No. 6 Blade, 32 inches, peg, tooth
\$10 00 per dozen.

No. 77.



DISSTON & SONS' Wood Saw complete with No.
77 Blade, \$9 00 per dozen.
The above in half-dozen bundles or boxes.

No. 45.

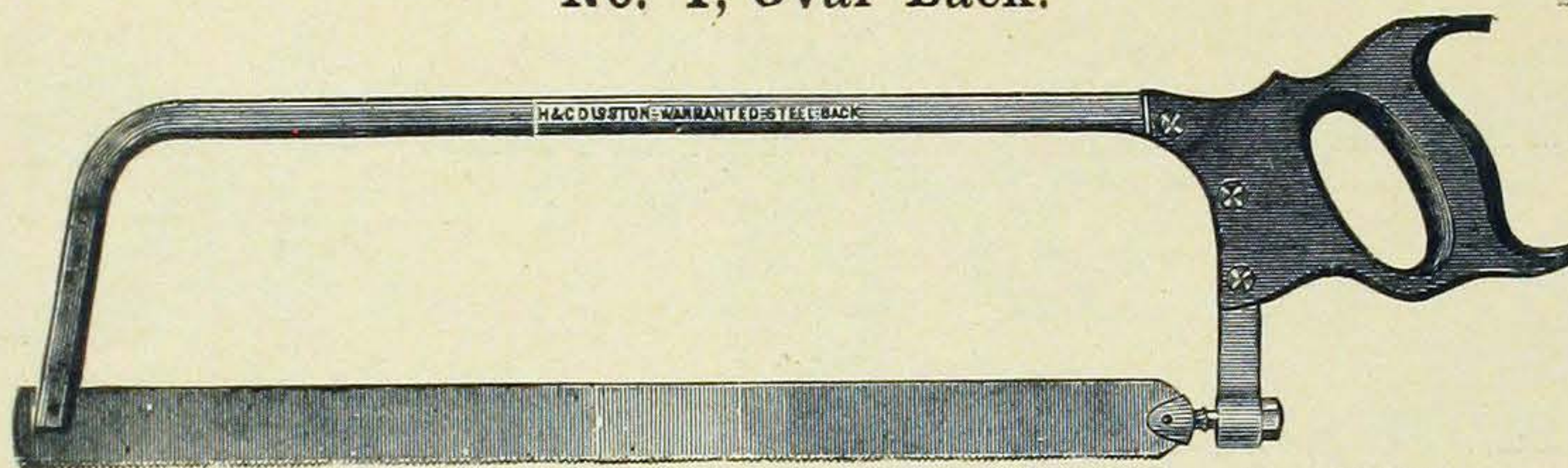


Perfection Wood Saw Complete.

Blue Blade, \$11.00 per dozen.

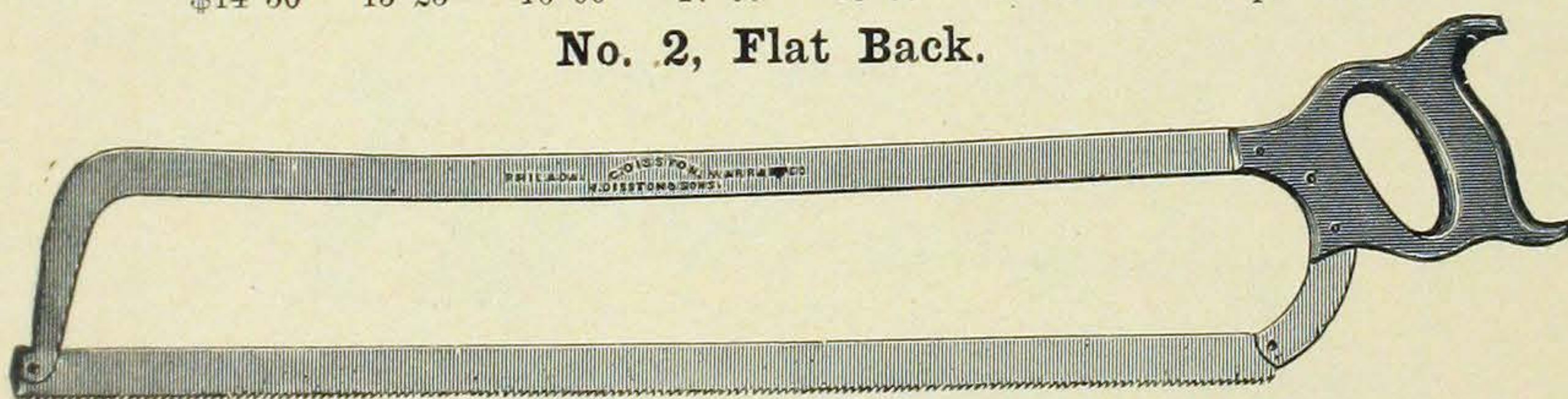
Henry Disston & Sons' Butchers' Bow Back Saws.

No. 1, Oval Back.



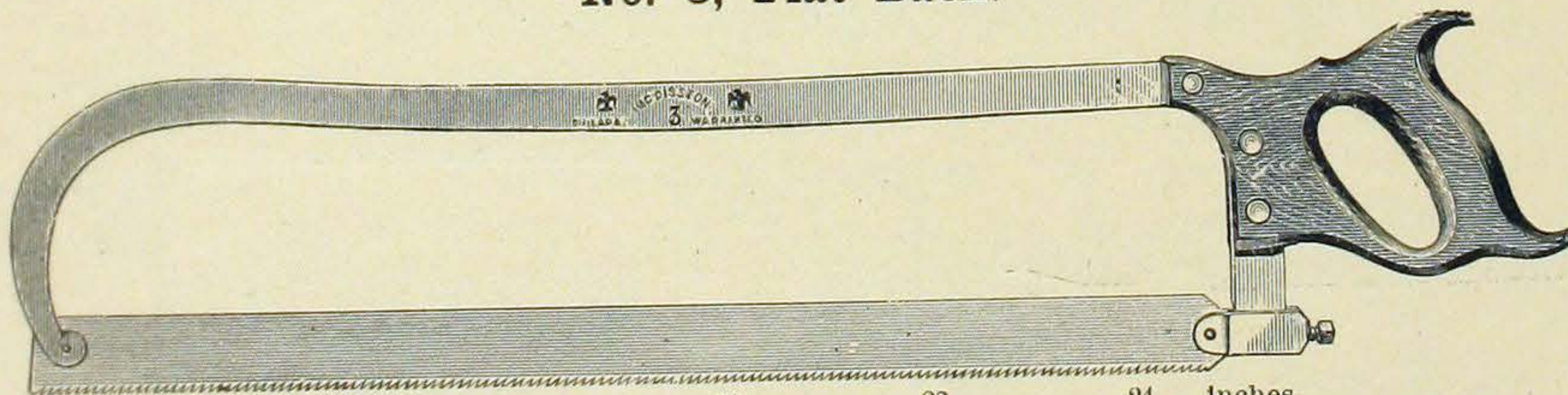
	12	14	16	18	20	22	24	
	inches.							
\$14 50	15 25	16 00	17 00	18 00	19 00	20 00	per dozen.	

No. 2, Flat Back.



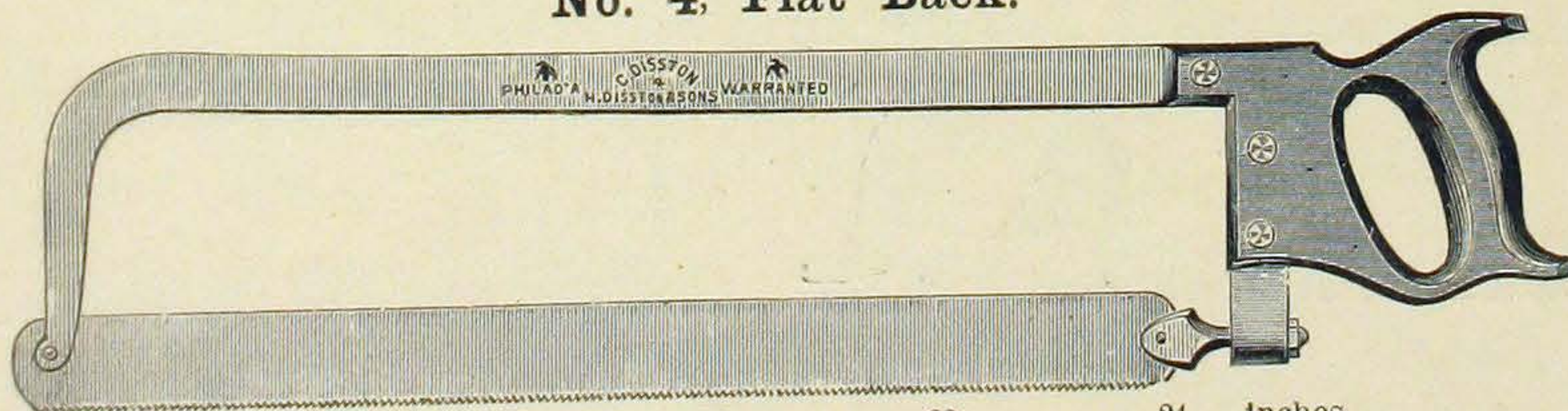
	12	14	16	18	20	22	24	
	inches.							
\$11 25	11 75	12 50	13 25	14 00	14 75	15 50	per dozen.	

No. 3, Flat Back.

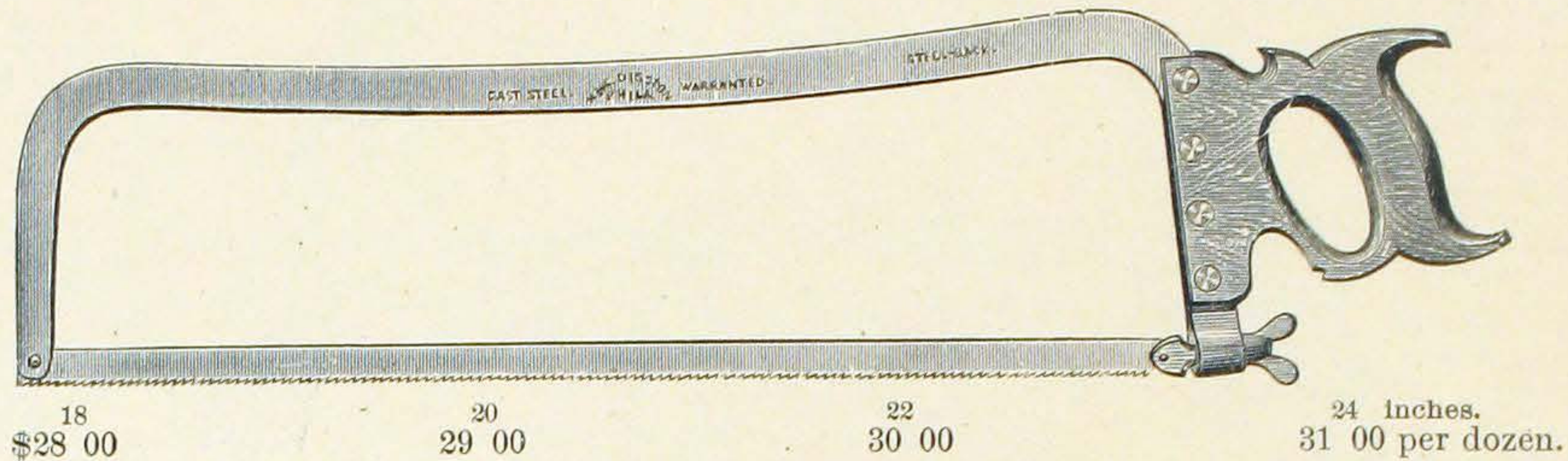
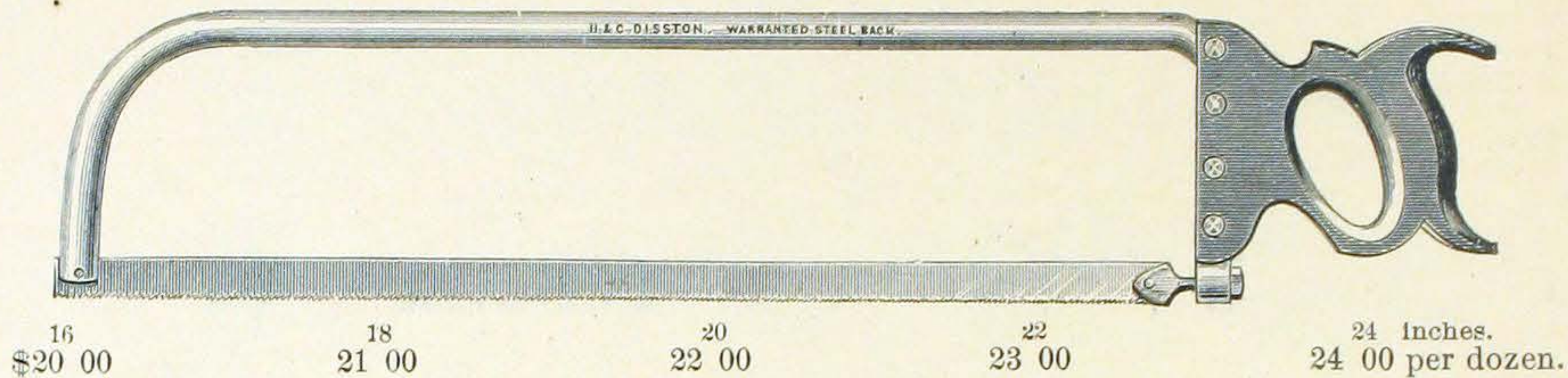


	16	18	20	22	24	
	inches.					
\$20 00	21 00	22 00	23 00	24 00	per dozen.	

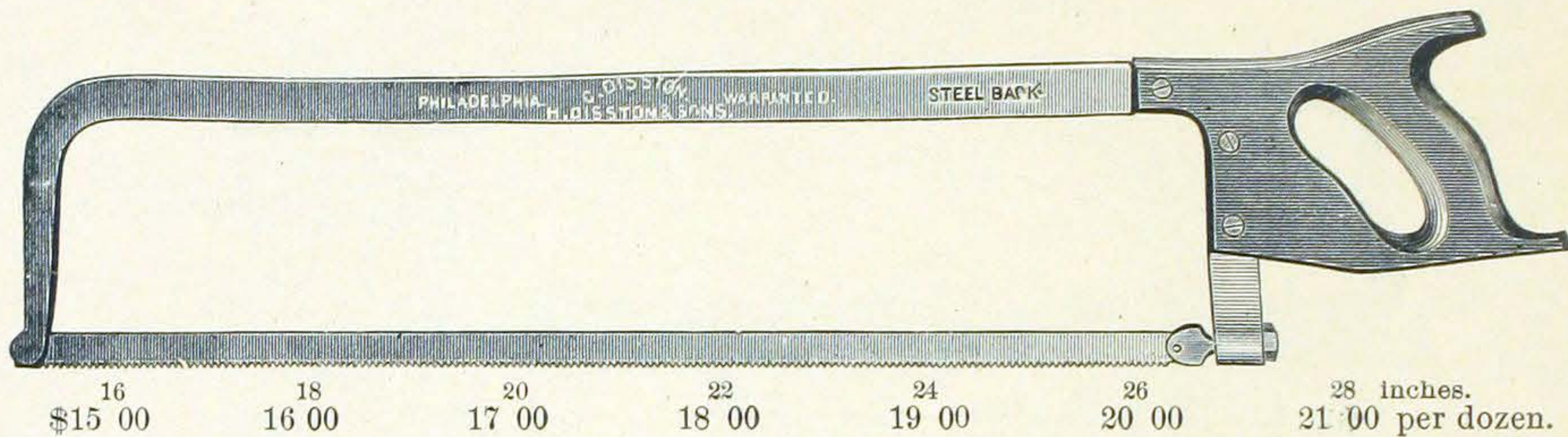
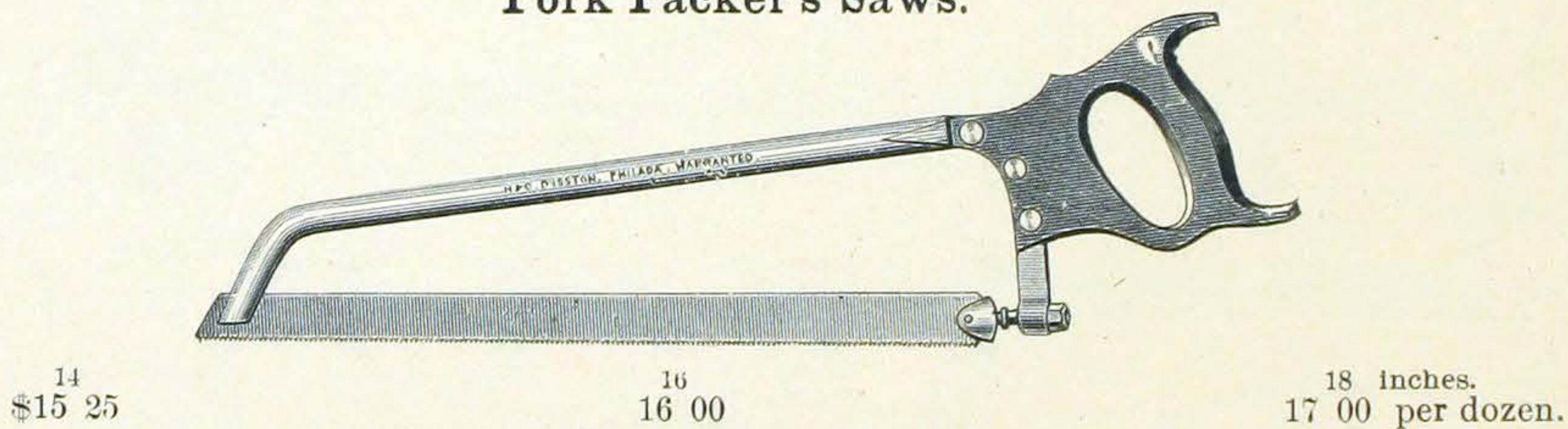
No. 4, Flat Back.



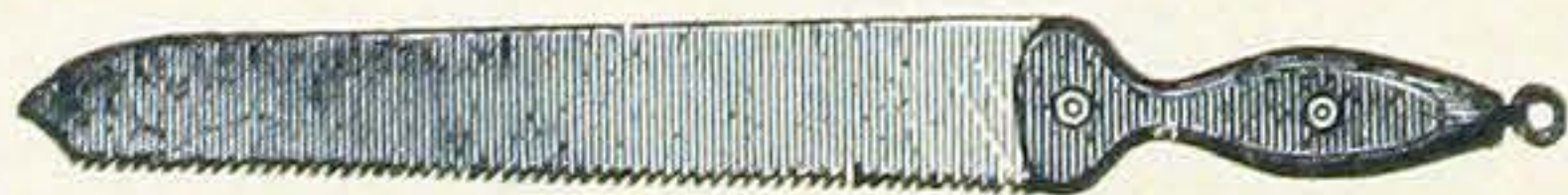
	16	18	20	22	24	
	inches.					
\$20 00	21 00	22 00	23 00	24 00	per dozen.	

No. 5. California Flat Steel Back, Clock Spring Blued Blade.**No. 6, California Oval Steel Back.**

The above in one-third dozen boxes.

No. 7, Flat Steel Back.**Pork Packer's Saws.**

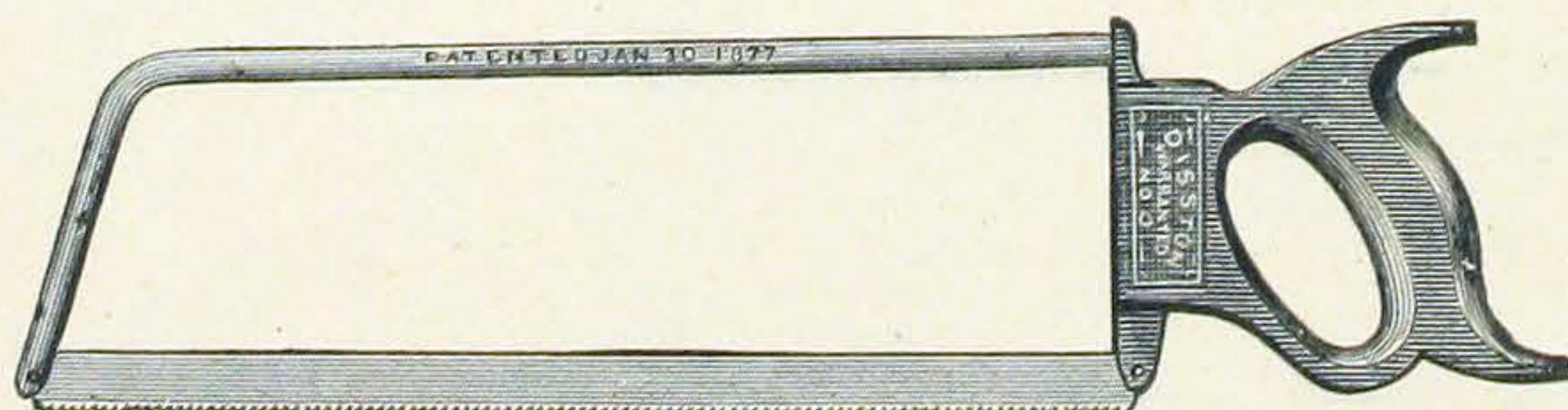
THE ABOVE IN ONE-THIRD DOZEN BOXES.

Saw Knives.

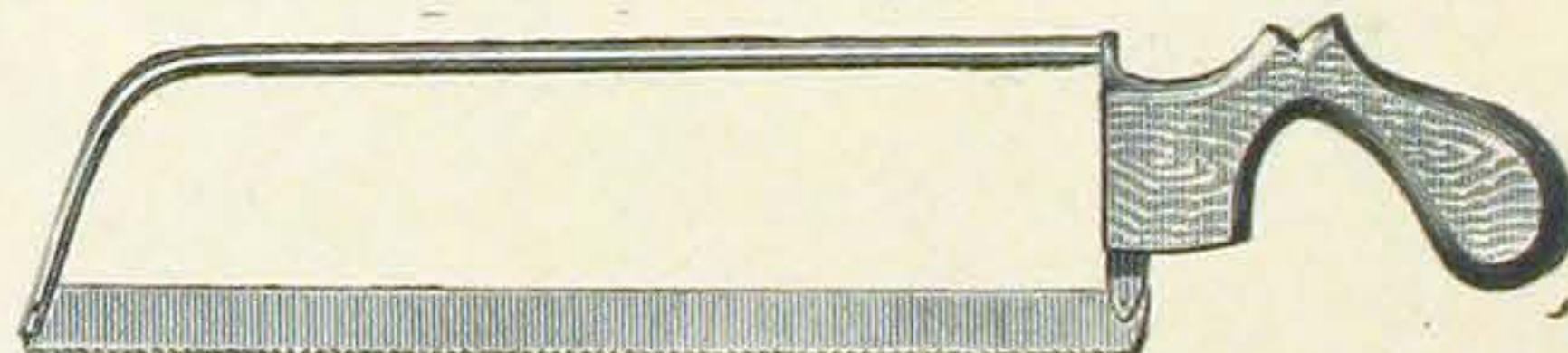
Saw Knives, \$5 25 per dozen. | No. 00. Jackson Kitchen Saw, 12 inch, \$5 00 per dozen.

No. 0, Kitchen Saws.

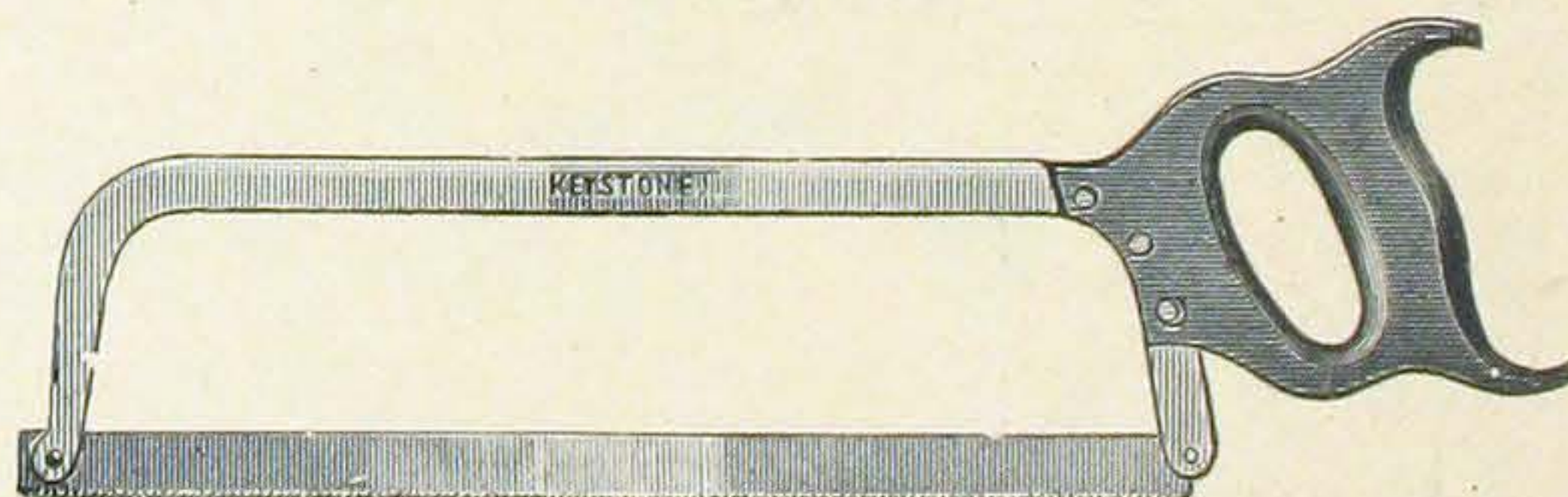
OVAL BACK.



Inch, 12 14 16
Per dozen, \$5 25 6 00 6 75

Jackson Kitchen Saws.**Keystone Kitchen Saws.**

FLAT BACK.



Inch, 12 14 16
Per dozen, \$6 00 6 75 7 50

SAW KNIVES, ONE DOZEN IN A BOX; KITCHEN SAWS, HALF DOZEN.

Butcher Saw Handles.

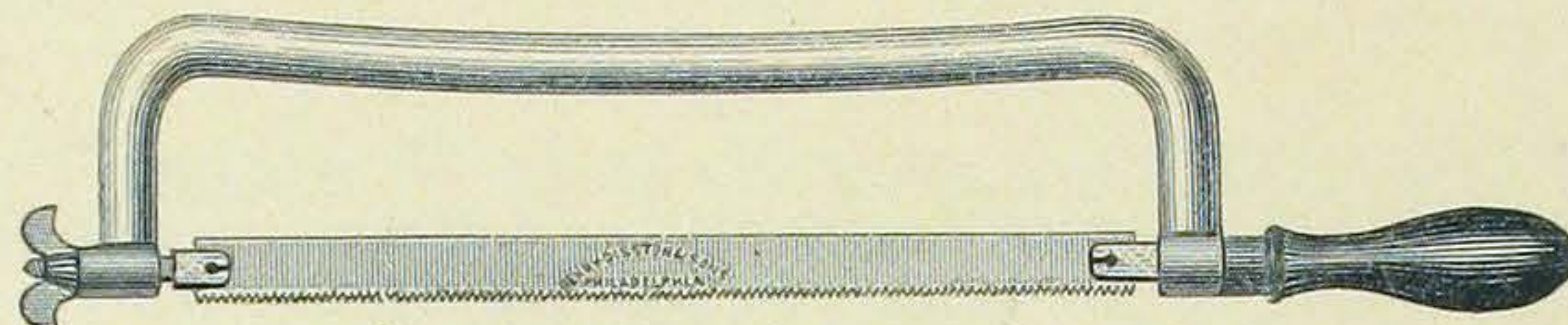
Butcher Saw Handles, Nos. 1 and 2,		\$1 75 per dozen.
" " " 3 " 4,		2 00 "
California " " 5,		2 25 "
" " " 6,		2 00 "
Cincinnati " " "		1 50 "
Western " " "		1 80 "

Butcher Saw Blades.

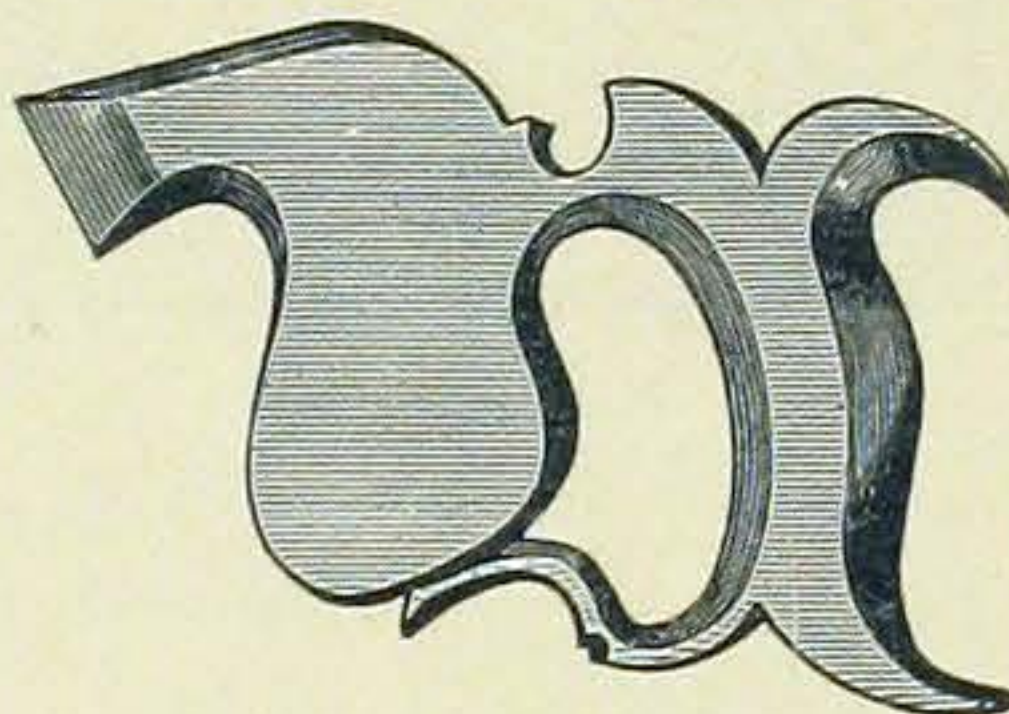
	12	14	16	18	20	22	24 inches
Blades to 1½ inch wide, inclusive,	\$4 50	4 75	5 00	5 25	5 50	5 75	6 00 per dozen.
Blades from 1½ to 2 inches wide, inclusive,			6 00	6 25	6 50	6 75	7 00 "
Clock Spring Blued Blades,						6 75	7 00 "

Hack Saw Blades.

6	7	8	9	10	11	12	13	14	16	18 inches.
\$1 90	2 35	2 80	3 00	3 25	3 50	3 75	4 25	4 50	5 50	6 00 per dozen.

Improved Reversible Frame Hack Saws.

8	9	10	11	12	14	16	18 inches.
\$13 25	13 50	13 75	14 00	14 25	14 50	15 00	15 50 per dozen.

Handles.

	16-18 inches.	20-22 inches.	24-26 inches.
Hand Saw, No. 0,			\$1.25 per dozen.
" " " 1,			1 40 "
" " " 3,	\$1 30	\$1 50	1 50 "
" " " 107,	1 75	1 75	2 00 "
" " " 7,	2 25	2 25	2 50 "
" " " 8,	2 75	2 75	3 00 "
" " " D 8,	3 75	3 75	4 00 "
" " " 120, Carved	6 50	6 75	7 00 "
" " " 12, Carved	6 25	6 50	6 75 "
" " " 16, Carved	5 50	5 75	6 00 "

Back Saw, No. 1,

" " " 4,

Compass Saw,

8-10-12 inches.

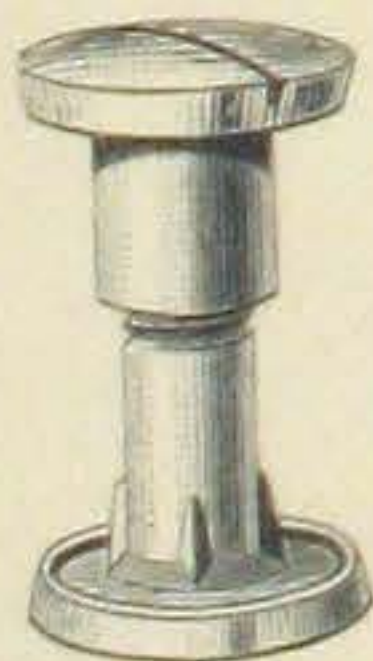
\$1 25
2 50

14-16 inches.

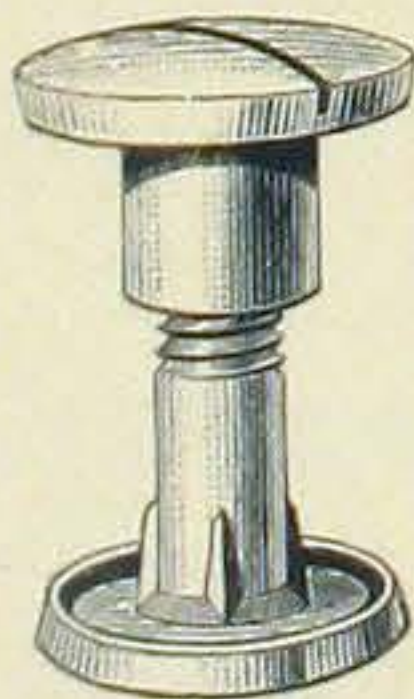
\$1 50
2 75
1 00

Saw Handles made to suit the market, in both prices and quality.

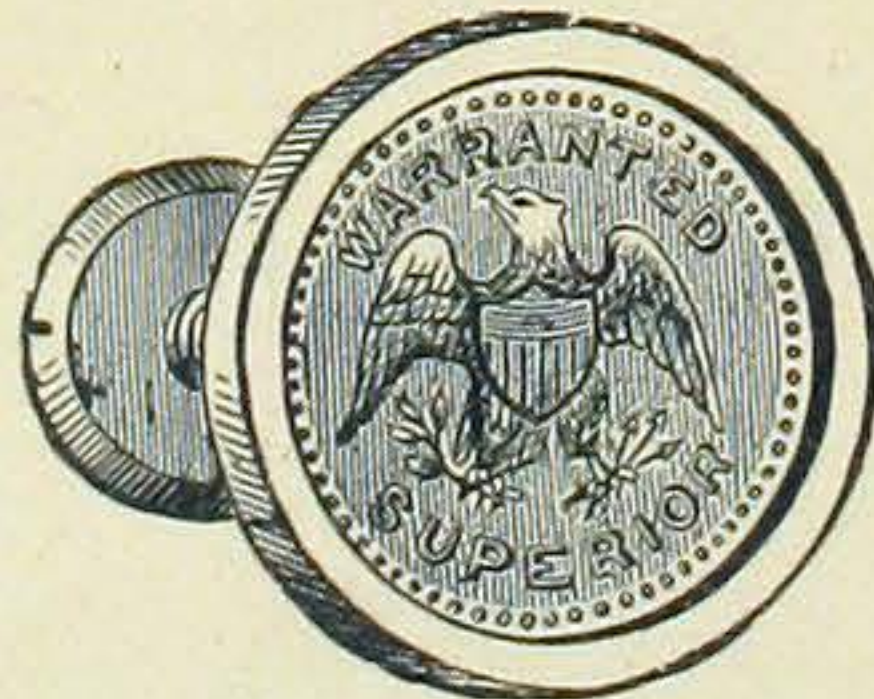
Saw Handles in one-dozen boxes.

Saw Screws.

No. 1.



No. 2.



No. 4.



No. 5.



No. 6.

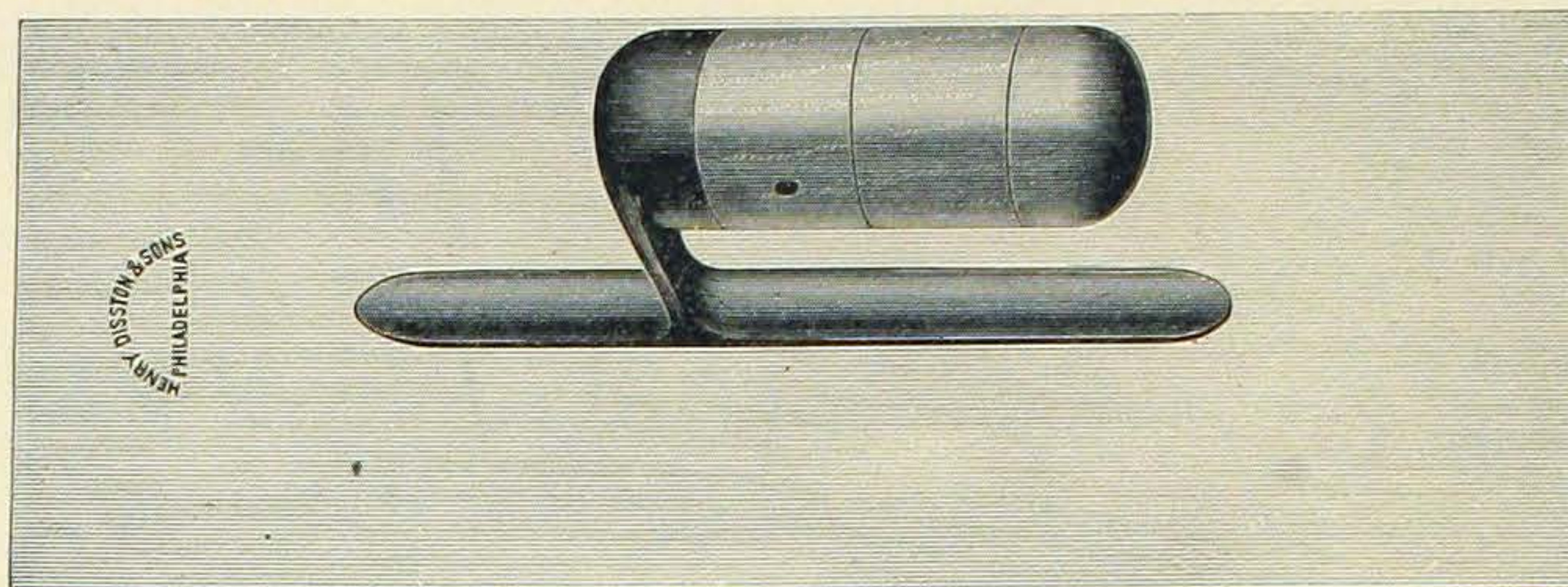
No. 1 Centennial (Brass Screws),	
" 2 " " "	
" 3 " " "	
" 4 " " "	
" 5 Raised " "	
" 6 Iron Screws,	

Small Eagle,
Large "

\$2 80 per gross.
3 25 "
4 75 "
5 75 "
5 00 "
5 00 "

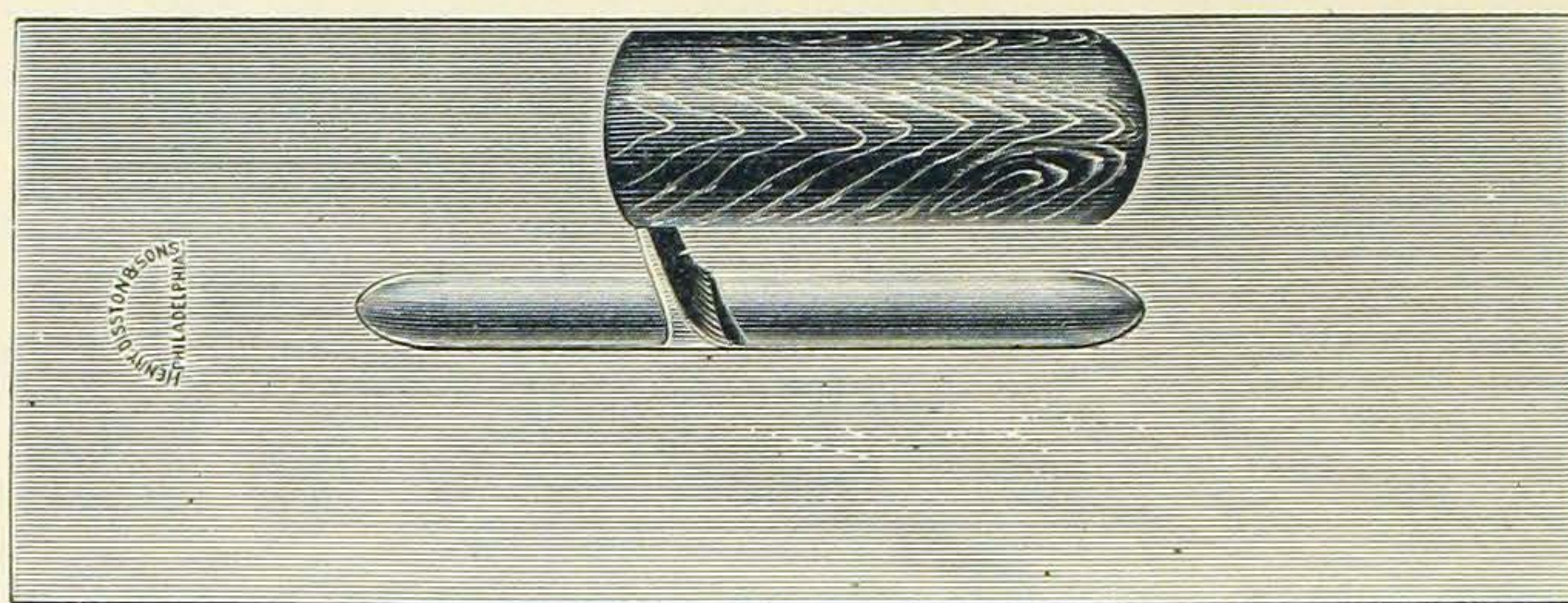
Saw Screws in half-gross boxes.

PLASTERING TROWELS.



	10 and 10½ ins.	11 inches.	11½ inches.	12 inches.
Disston's Patent, No. 0 Finishing Trowel,	\$14 75	\$16 25	\$17 75	\$19 50 per dozen.

The mounting and handle of this trowel are adjusted by an improved method, making it strong, durable and easy to the hand. The blade is of the very best quality steel, highly tempered, and ground tapering from the centre to the edges on the working side.



		PLASTERING.					
		INCH,	10	10½	11	11½	12
No. 1 ,	Disston's Extra,	per dozen,	\$13 75	\$13 75	\$15 25	\$16 75	\$18 50
" 2 ,	Disston's,	"	12 25	12 25	13 50	14 50	15 75
" 3 ,	Marshall's,	"	7 75	7 75	8 50	9 25	10 00

All the above are packed half dozen in a box.

"STANDARD" BRICK TROWELS.

8 in.	8½ in.	9 in.	9½ in.	10 in.	10½ in.	11 in.	11½ in.	12 in.	12½ in.	13 in.	13½ in.	14 in.
\$5 75	6 00	6 25	6 50	6 75	7 00	7 25	7 50	7 75	8 00	8 25	8 75	9 00

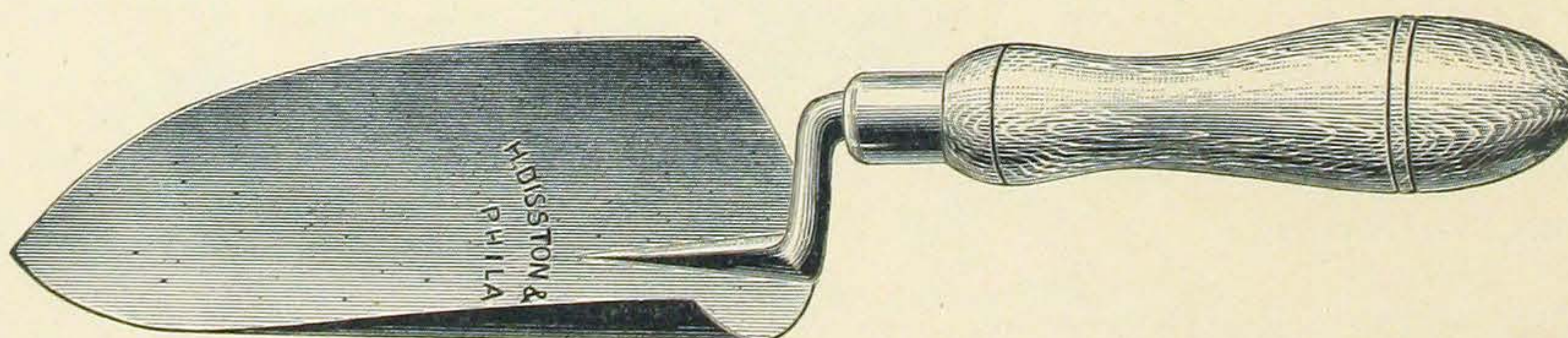
"STANDARD" POINTING TROWELS.

4 in.	4½ in.	5 in.	5½ in.	6 in.
\$3 35	3 45	3 55	3 65	3 75

"STANDARD" PLASTERING TROWELS.

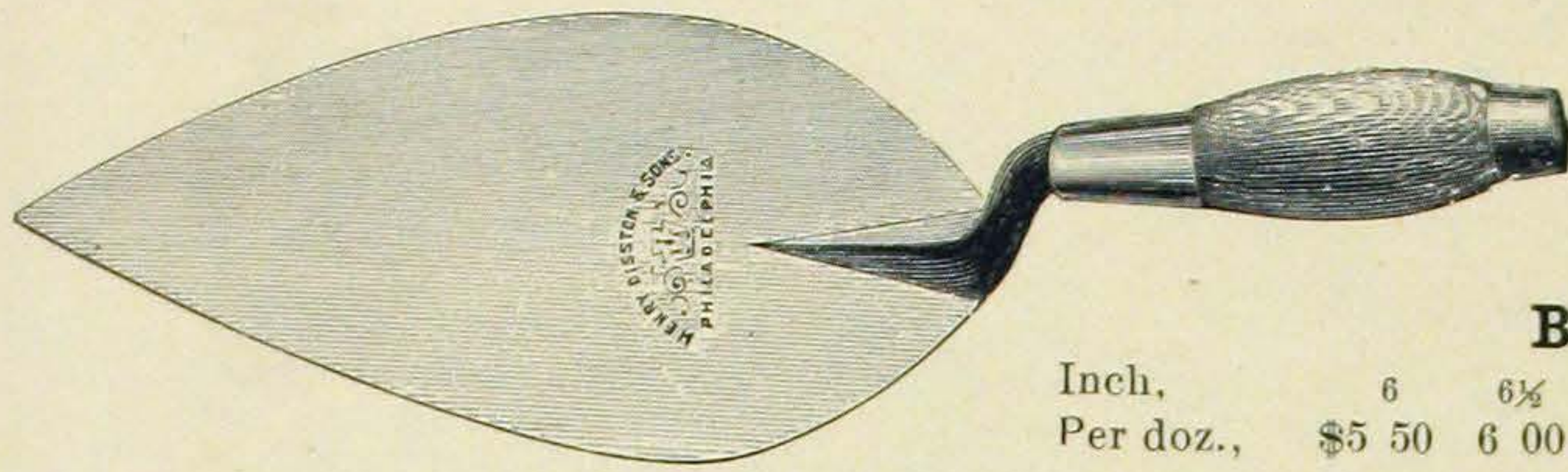
10 in.	10½ in.	11 in.	11½ in.	12 in.
\$6 80	6 80	7 30	8 00	8 75

SOLID SHANK, CAST-STEEL GARDEN TROWEL.



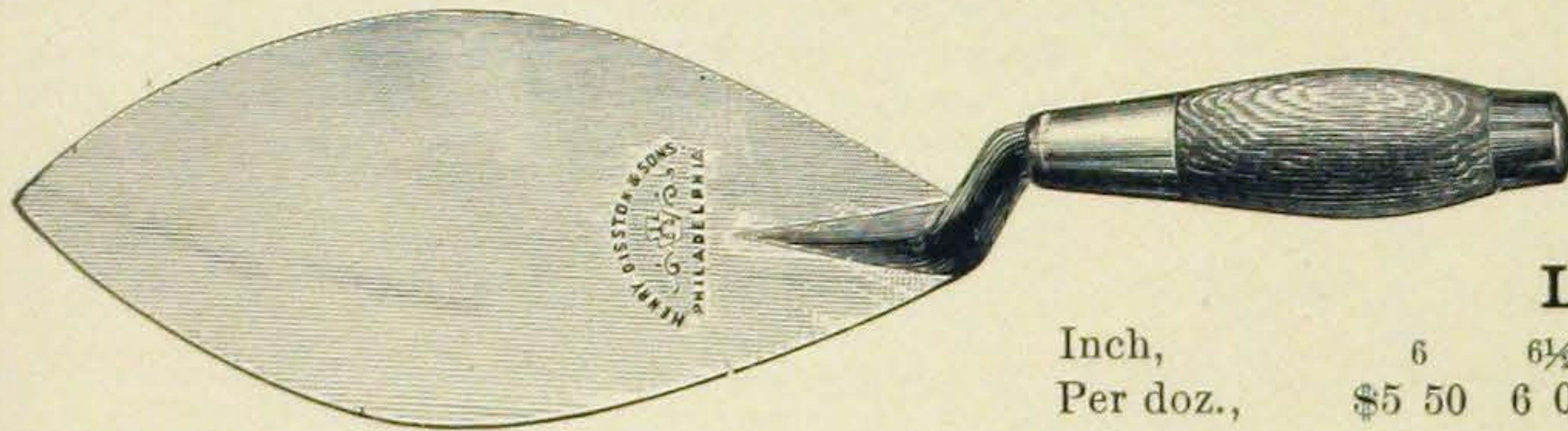
Made from the best crucible cast-steel. The handle is fastened by a patent process, and warranted not to come loose.
Price, 6 inch, \$5.25; 7 inch, \$5.75 per dozen.

Disston's Trowels.



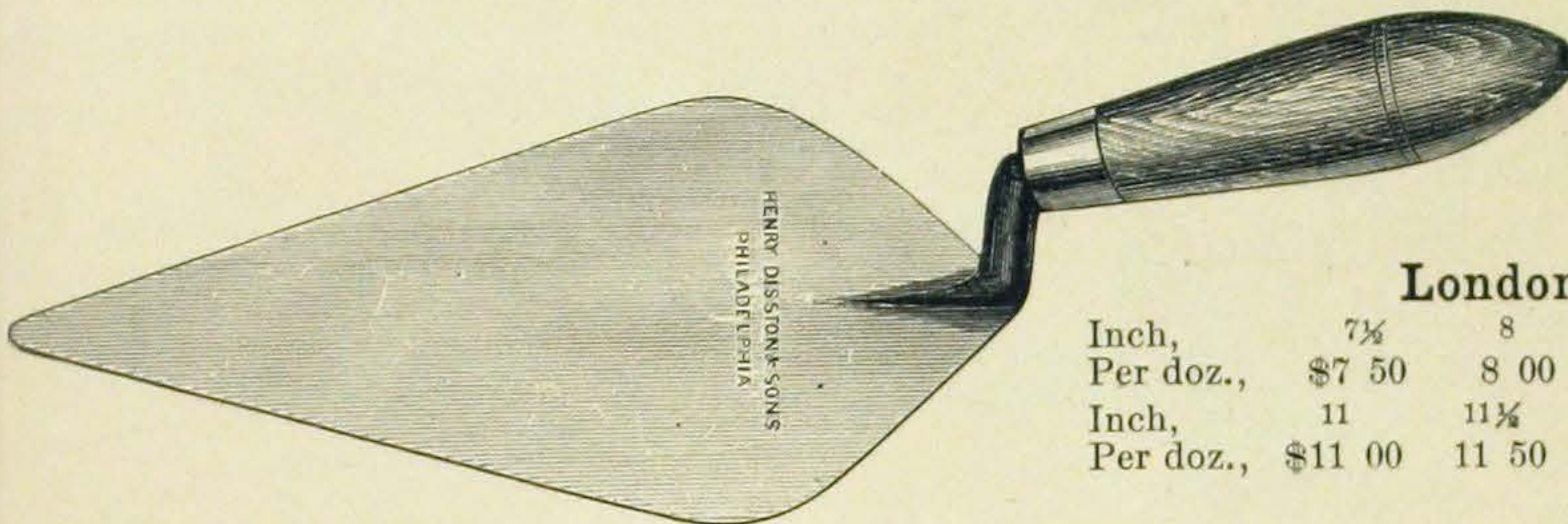
Boston Pattern Brick.

Inch,	6	6½	7	7½	8	8½	9	9½	10	10½
Per doz.,	\$5 50	6 00	6 50	7 00	7 50	8 00	8 50	9 00	9 50	10 00



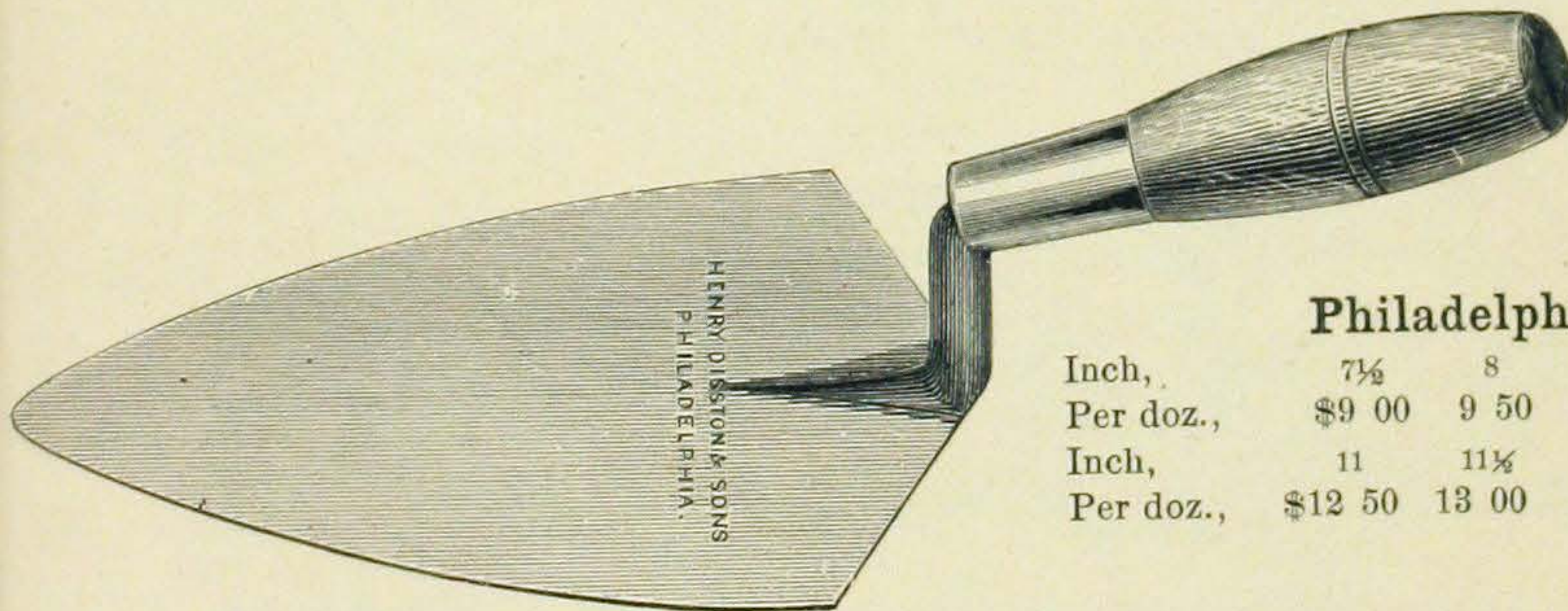
Lowell Pattern Brick.

Inch,	6	6½	7	7½	8	8½	9	9½	10	10½
Per doz.,	\$5 50	6 00	6 50	7 00	7 50	8 00	8 50	9 00	9 50	10 00



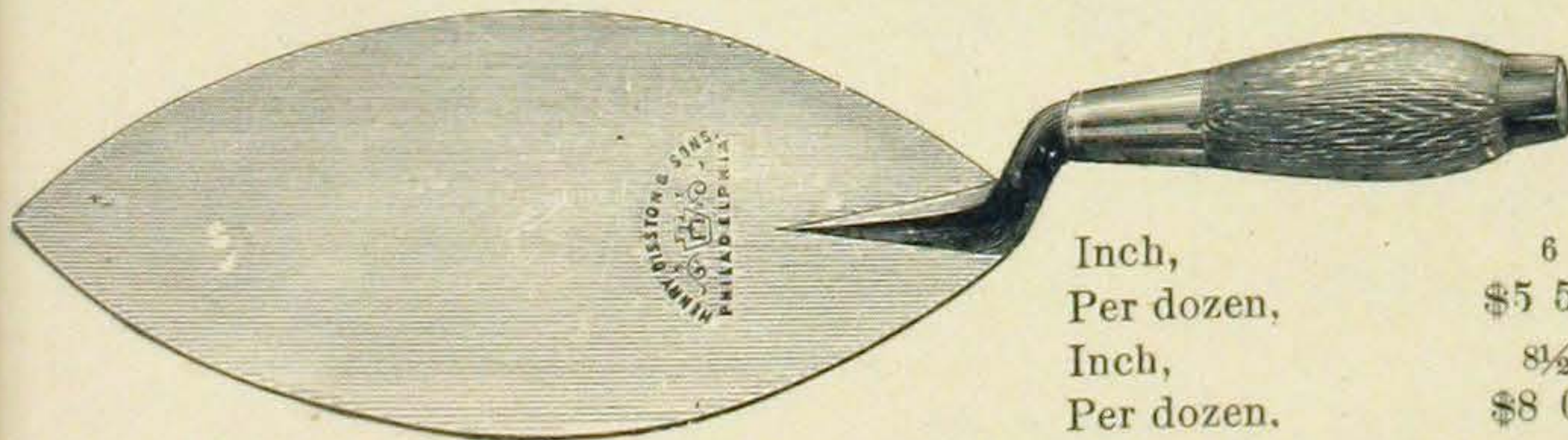
London Pattern Brick.

Inch,	7½	8	8½	9	9½	10	10½
Per doz.,	\$7 50	8 00	8 50	9 00	9 50	10 00	10 50
Inch,	11	11½	12	12½	13	13½	14
Per doz.,	\$11 00	11 50	12 00	12 75	13 50	14 25	15 00



Philadelphia Pattern Brick.

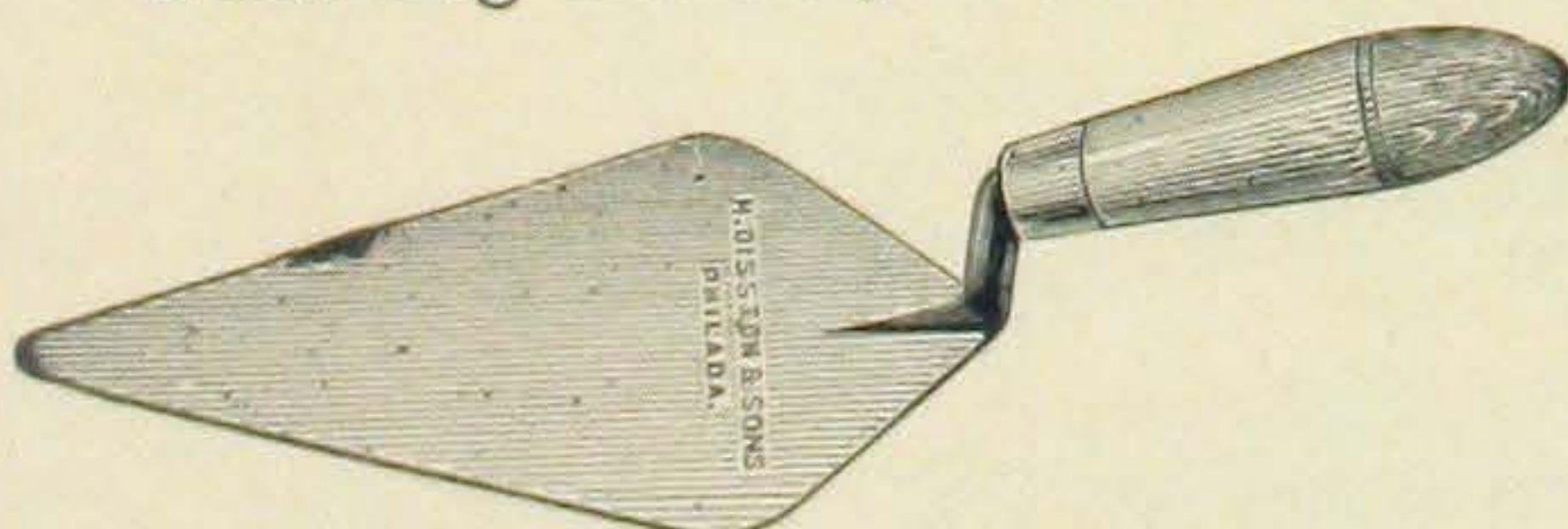
Inch,	7½	8	8½	9	9½	10	10½
Per doz.,	\$9 00	9 50	10 00	10 50	11 00	11 50	12 00
Inch,	11	11½	12	12½	13	13½	14
Per doz.,	\$12 50	13 00	13 50	14 25	15 00	15 75	16 50



Cucumber Pattern Brick.

Inch,	6	6½	7	7½	8
Per dozen,	\$5 50	6 00	6 50	7 00	7 50
Inch,	8½	9	9½	10	10½
Per dozen,	\$8 00	8 50	9 00	9 50	10 00

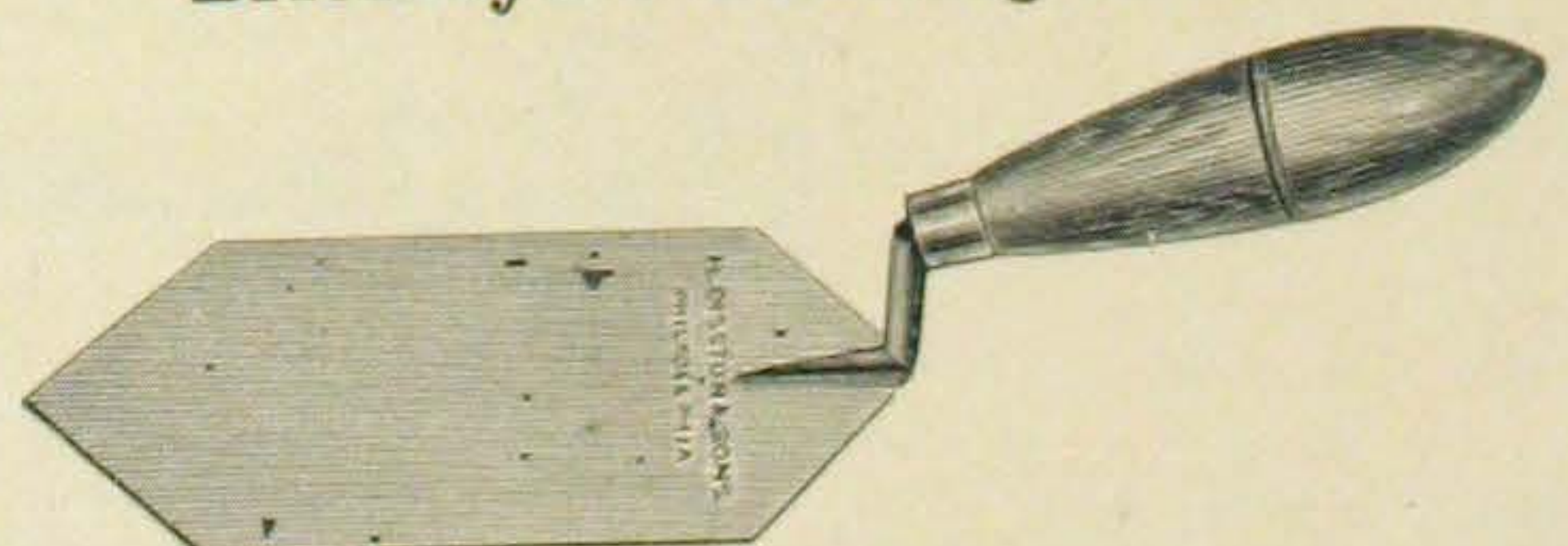
Pointing Trowel, Solid Shank.



Inch,	4	4½	5	5½	6
Per dozen,	\$4 25	4 50	4 75	5 00	5 25

THE ABOVE IN HALF-DOZEN BOXES.

Bricklayers' Pointing Trowel.



Per dozen,	-	-	-	-	\$5 25
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THE ABOVE IN HALF-DOZEN BOXES.

SAMSON TREE PLANTER AND POST-HOLE DIGGER.

Fig. No. 1.

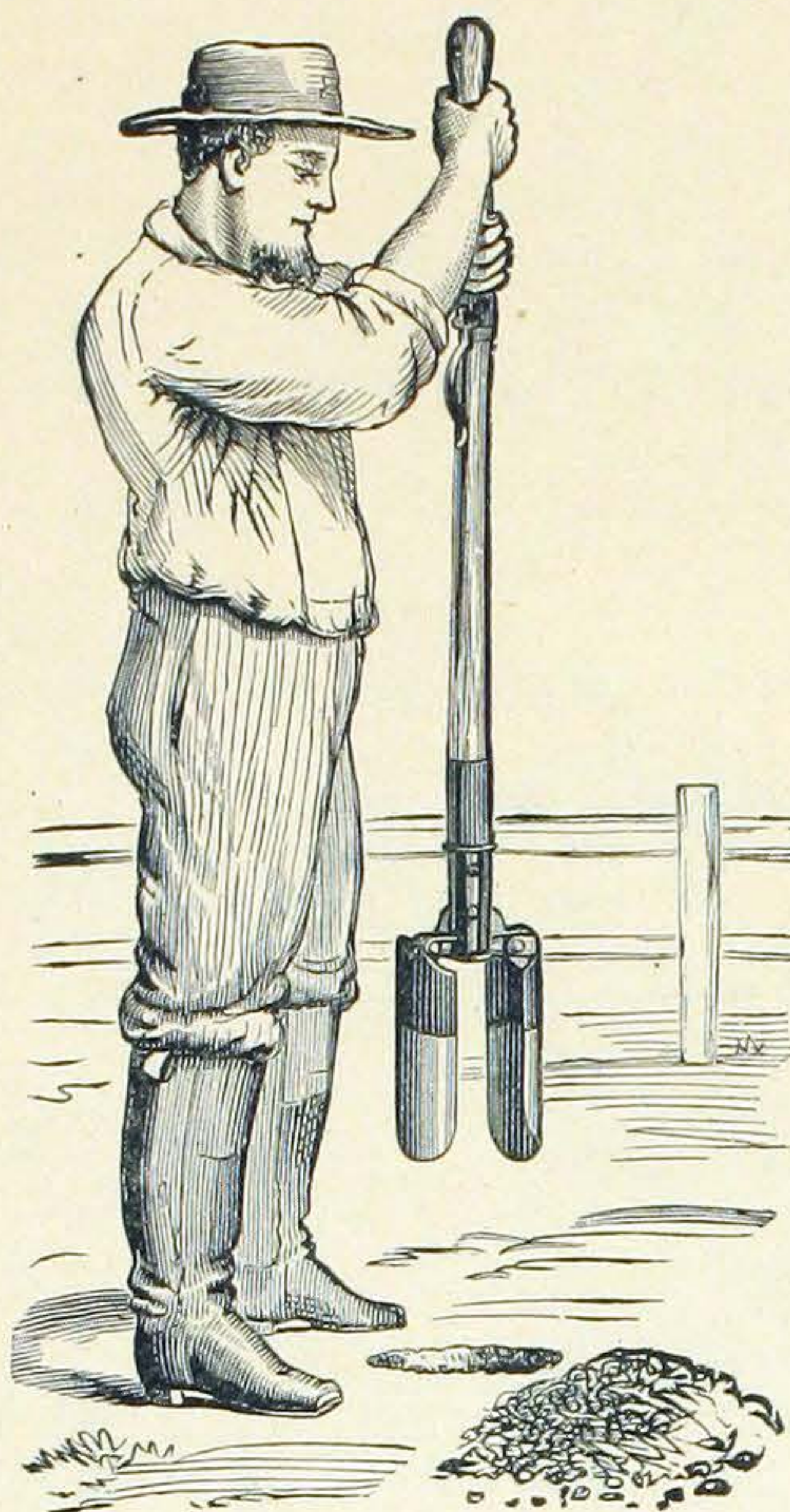
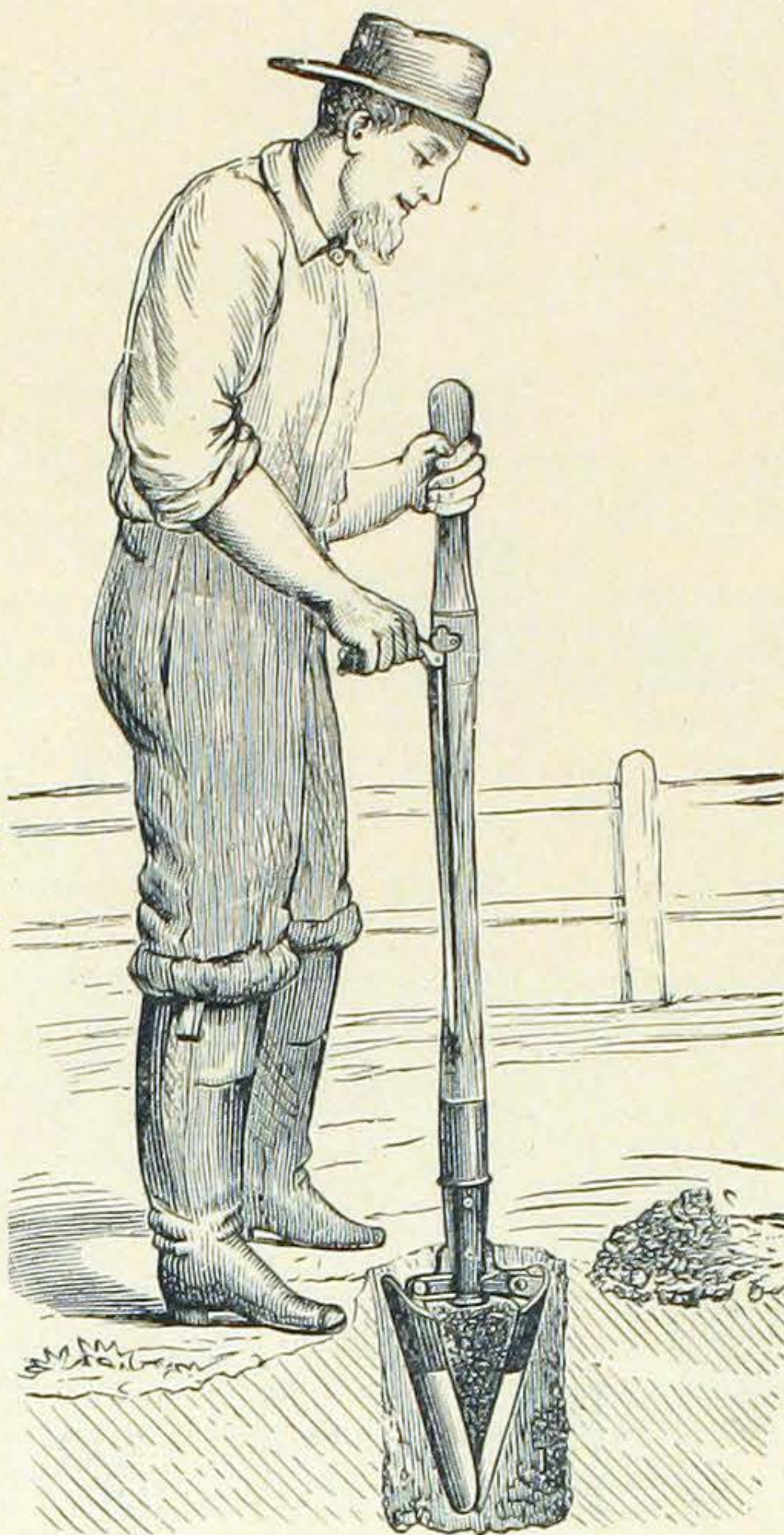


Fig. No. 2.



No Farmer, Nurseryman, Railroad or Telegraph Company should be without one.

NO BACKACHE. NO KNEE-WORK. NO CLOGGING.

This tool has been thoroughly tested, and has given the greatest satisfaction to all who have tried it. The principle on which it works makes it self-cleaning and prevents adhesion in sticky soil; therefore it always works free and easy. It is far superior to all plungers, augurs and boring machines, as it works well in stony, sandy or clay soils; quicksand under water is as easily removed as though no water existed.

The cut on the left shows the digger with the blades open, ready to be plunged into the ground; that on the right, as it is drawn out after grasping the sand or dirt.

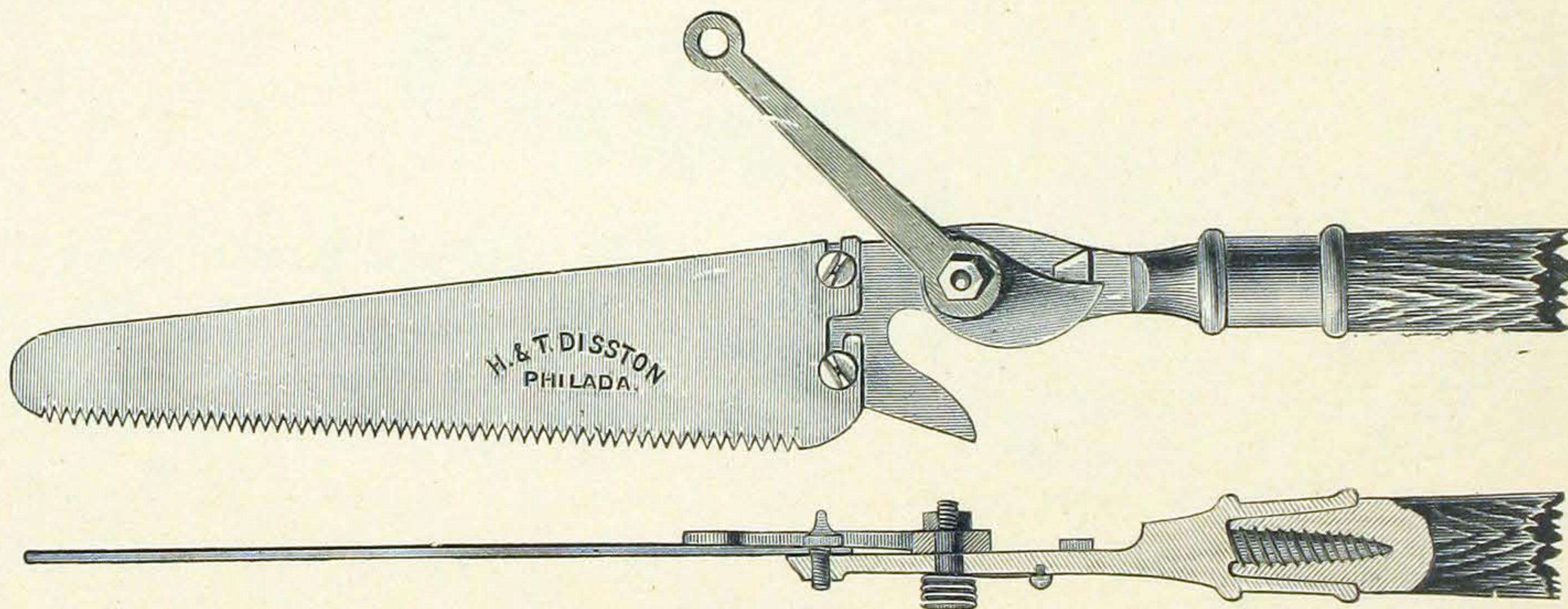
One man with this digger can do five times as much work in a given time as can be done in the same time with a bar and post spade.

The size of the hole dug is bounded only by the requirements of its purpose, and can be made at any angle; and anything that can be loosened and reduced to five inches or less in diameter can be easily removed with it.

As constructed for ordinary use, it will dig readily four feet deep. Its durability will equal any tool made for the purpose, the blades being of the best cast steel.

Price, \$34 00 per dozen.

LITTLE GIANT PRUNING HOOK AND SAW.



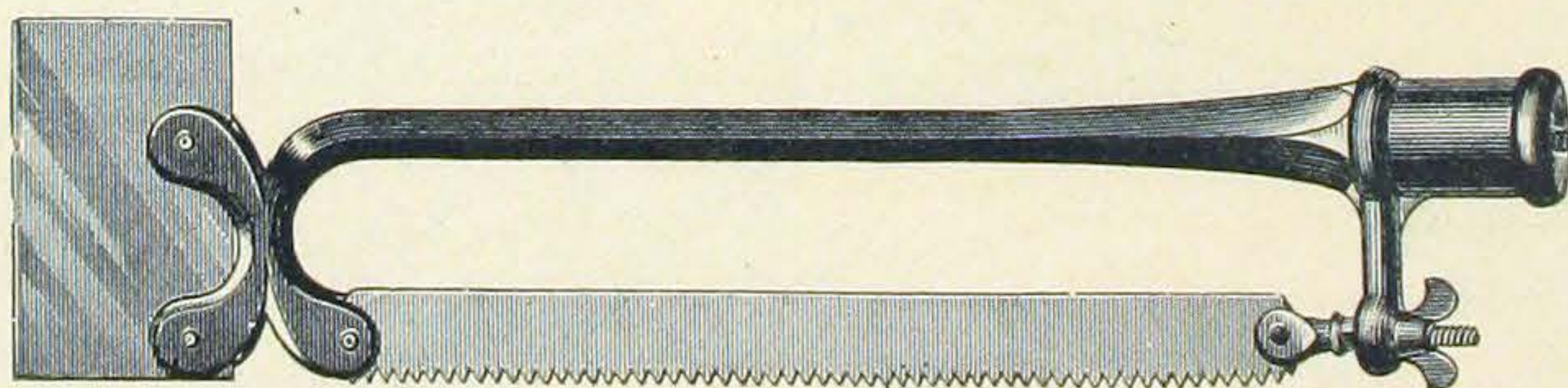
Patented Aug. 29, 1873.

The saw blade is attached to the hook by means of two clamp screws, as shown in the accompanying cuts; it also shows the way the pole or handle is attached to the hook.

Hook and Saw,
Hook only,

\$18 00 per dozen.
12 00 "

DISSTON'S IMPROVED PRUNING SAW AND KNIFE.

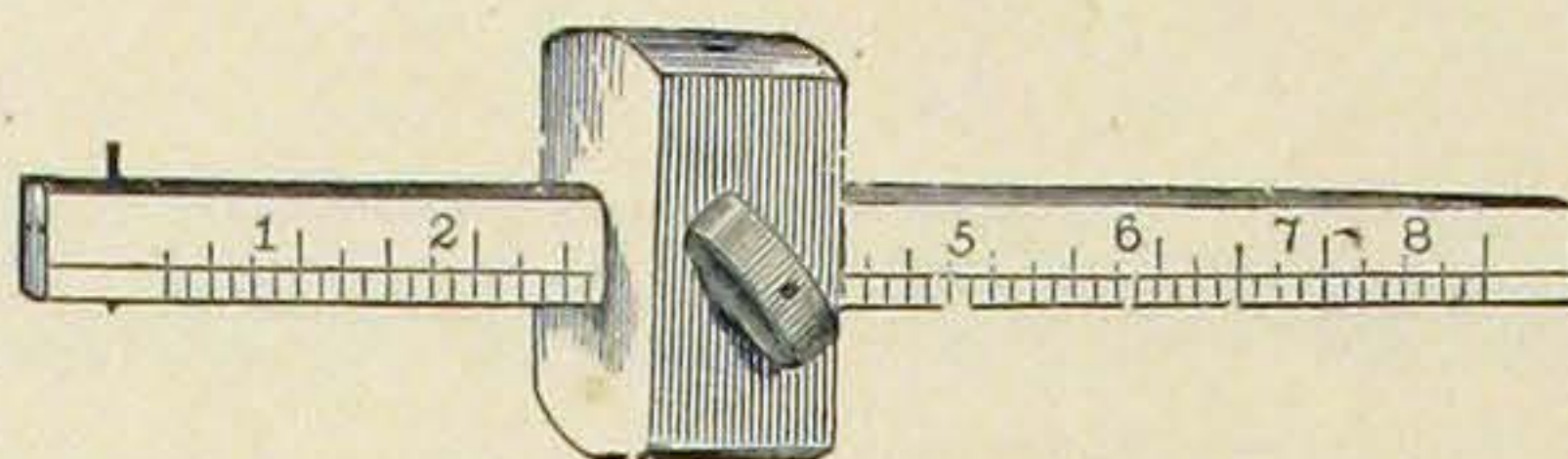


Japanned Frame,
Tinned "

\$11 00 per dozen.
13 50 "

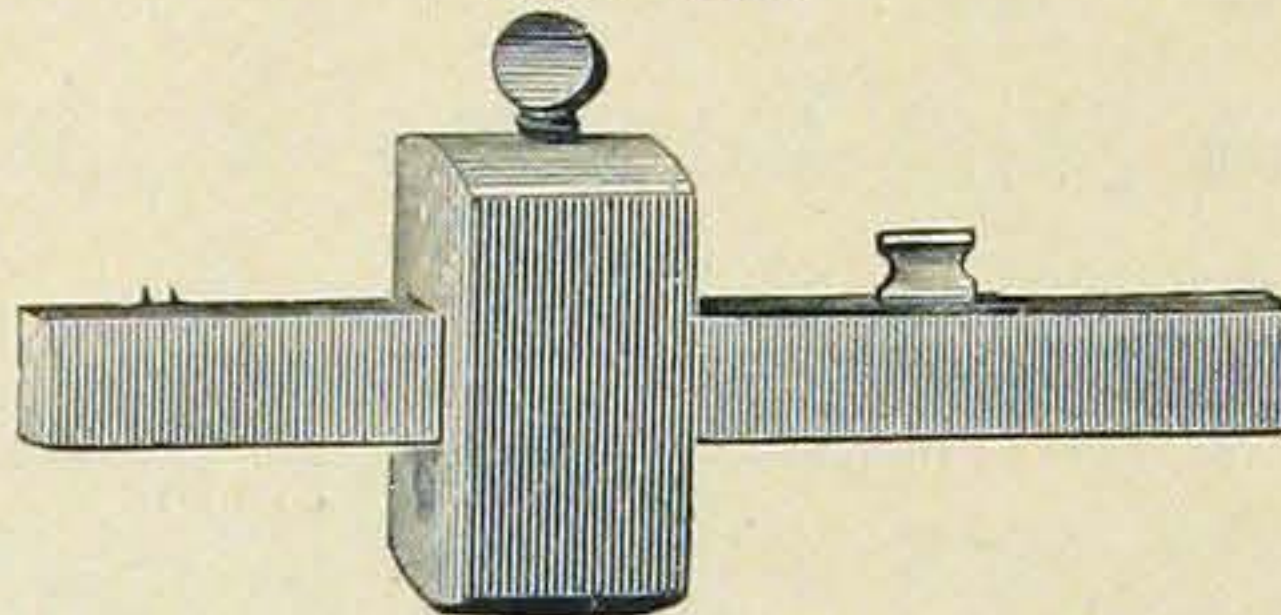
CAUCES.

No. 76.



No. 75, Beechwood, iron thumb-screw, steel point,	\$0 60 per dozen.
" 76, Beechwood, oval bar, marked with inches, steel point,	0 80 "
" 77, Beechwood, head plated, oval bar, marked with inches, steel point,	1 50 "
" 79, Boxwood, oval bar, marked with inches, steel point,	2 75 "
" 80, Boxwood, head plated, marked with inches, steel point,	3 25 "
" 81, Beechwood, cutting, marked with inches, steel cutter,	1 50 "
" 82, Beechwood, cutting, head plated, oval bar, steel cutter,	2 50 "
" 84, Boxwood, cutting, head plated, oval bar, steel cutter,	3 00 "

No. 89.



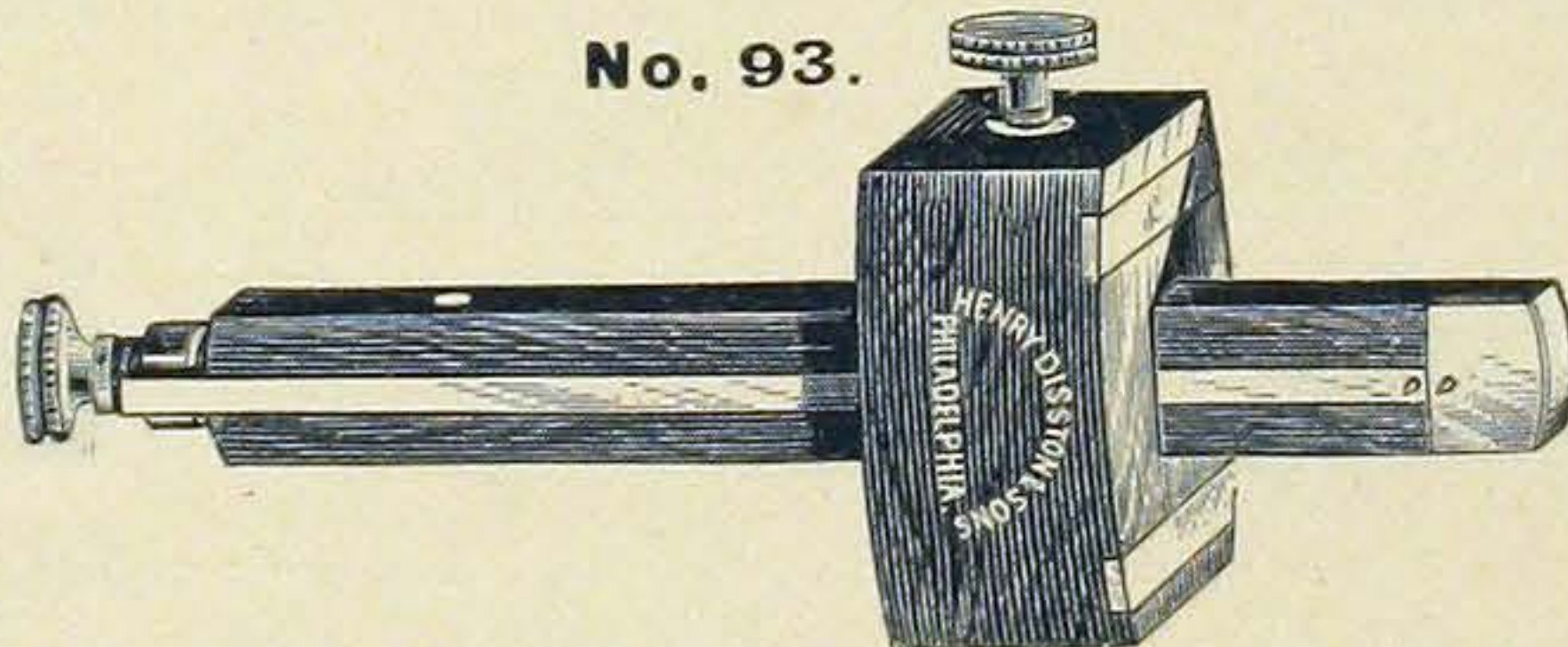
No. 89, Mortise, mahogany, brass slide,	\$4 00 per dozen.
" 90, Mortise, applewood, screw slide, brass thumb-screw,	6 00 "

No. 91.



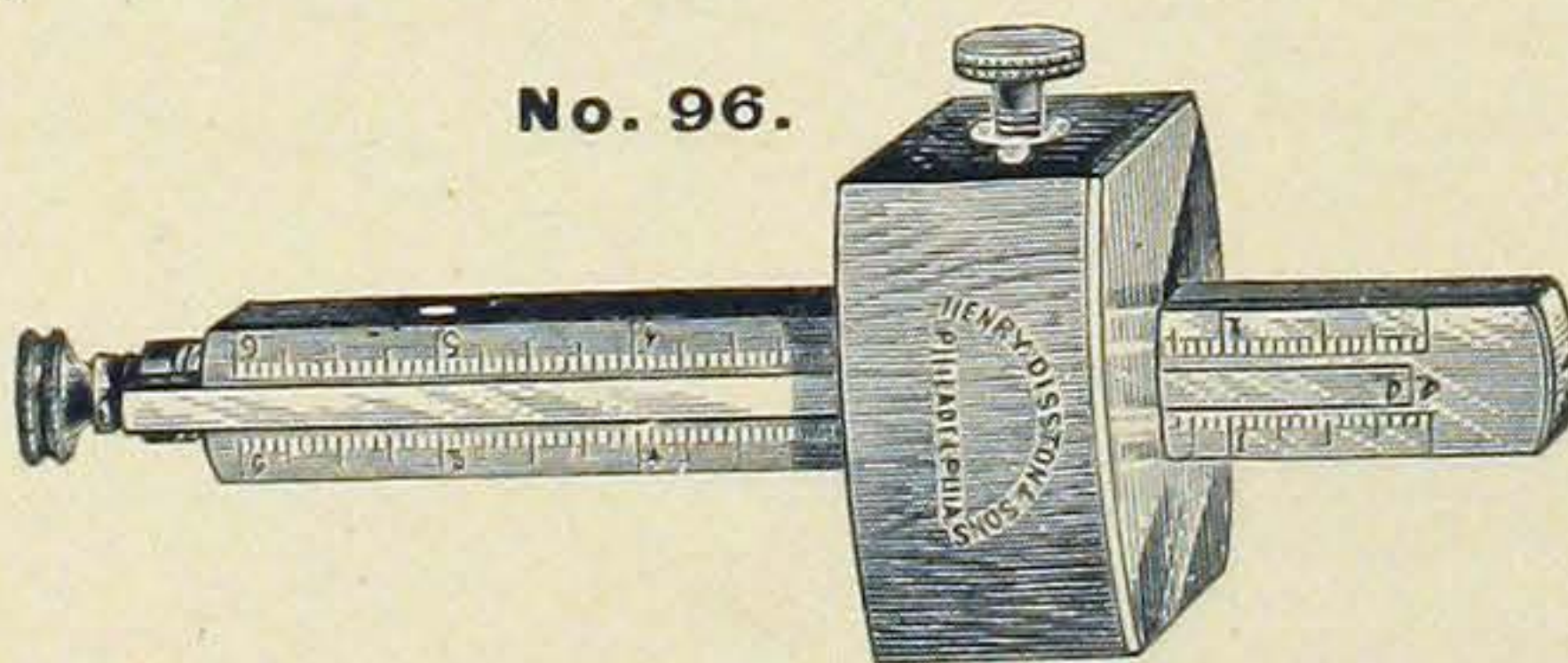
No. 91, Mortise, rosewood, screw slide, brass thumb-screw,	\$8 00 per dozen.
" 92, Mortise, rosewood, screw slide, head plated, thumb-screw,	9 50 "

No. 93.



No. 93, Mortise, rosewood, screw slide, head and stem plated, thumb-screw,	\$10 00 per dozen.
--	--------------------

No. 96.

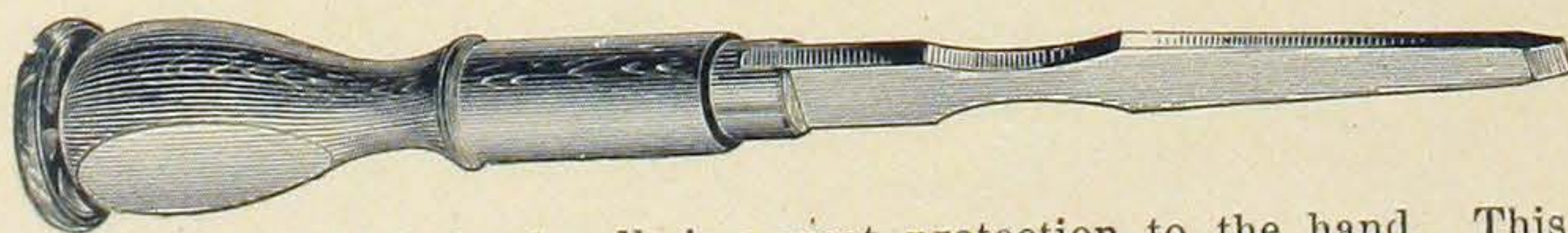


No. 95, Mortise, rosewood, full plated, head and stem, screw slide, with thumb-screw, but not marked with inches,	\$14 00 per dozen.
" 96, Mortise, boxwood, full plated, head and stem, screw slide, marked with inches,	16 00 "

SCREW-DRIVERS.

With Patent Revolving Shield.

PATENTED FEBRUARY 9, 1869.



The brass revolving shield on the end of the handle is a great protection to the hand. This screw-driver is especially adapted to work where only one hand can be used.

3 inch,	\$2 50 per dozen.	7 inch,	\$5 25 per dozen.
4 "	3 50 "	8 "	5 75 "
5 "	3 75 "	10 "	7 50 "
6 "	4 75 "	12 "	8 75 "

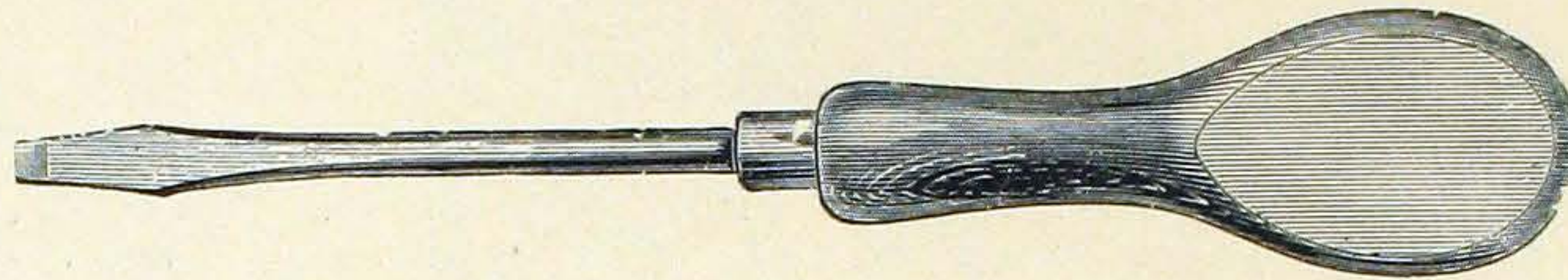
Screw-Drivers.



Steel Blades, Forged, Polished Handles, Solid Ferrule.

1 1/2	2	3	4	5	6	7	8	10	12 inches.
\$1 00	1 50	1 75	2 25	2 75	3 00	3 50	4 00	6 00	6 75 per dozen.

Round Steel Blade Screw-Driver.



Round Steel Blades, Forged, Flat Tang, Solid Ferrule, and Polished Handle.

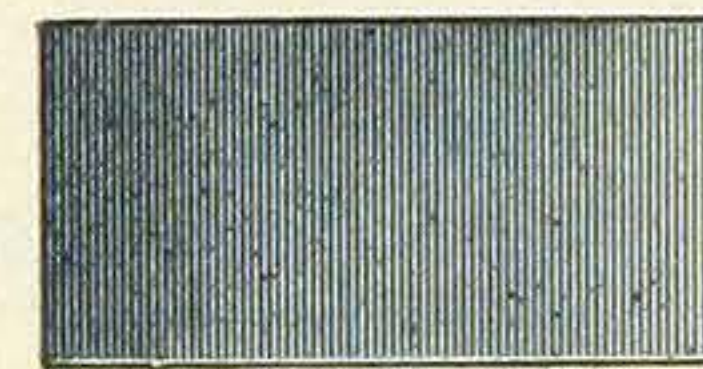
3	4	5	6	7	8	10	12 inches.
\$1 50	2 00	2 50	2 75	3 25	3 75	5 50	6 50 per dozen

THE ABOVE ARE PUT UP IN HALF-DOZEN BOXES.

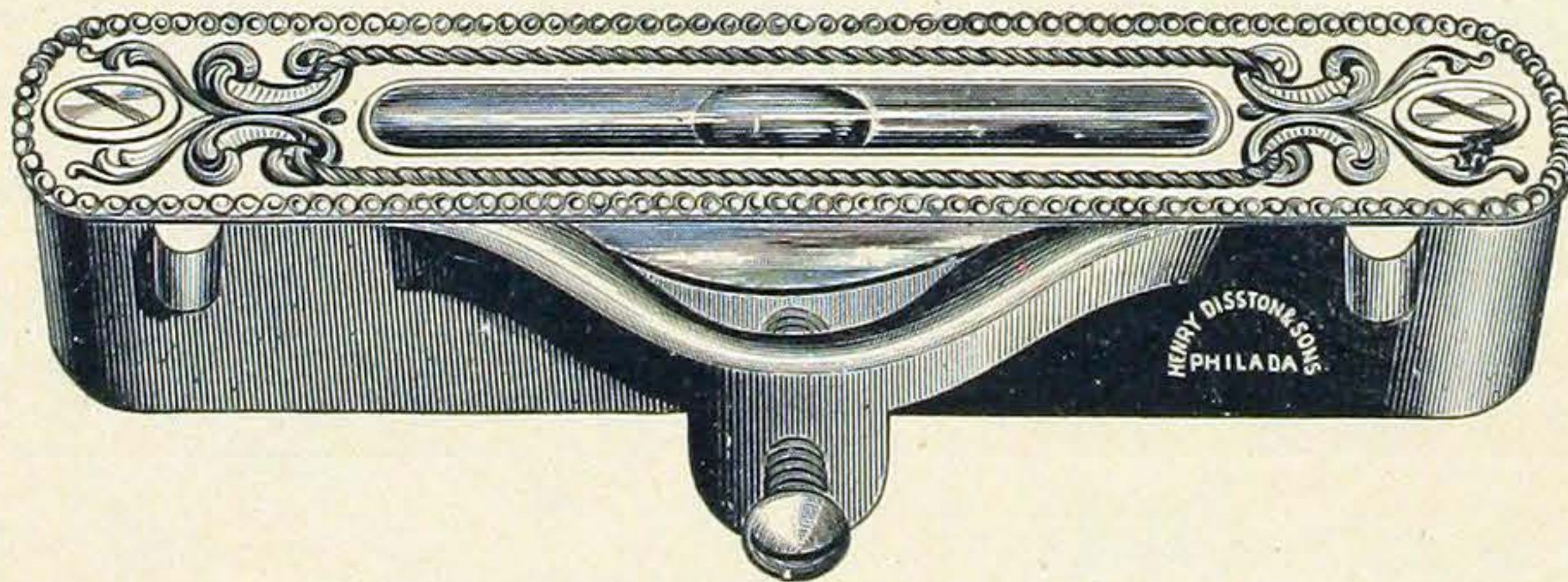
Currier or Slicker Blade, of
Superior Quality.

Price, . . \$2 25 per dozen.

Cabinet Scraper.



2, 2 1/2 and 3 x any multiple up to 6 inch, . 75c. doz.
 3 1/2, 4 and 5 x any multiple up to 6 inch, . \$1 25 "



Pocket Levels.

No. 1, Iron, brass top, . \$2 00 per dozen.
 " 2, " tinned top, . 1 85 "

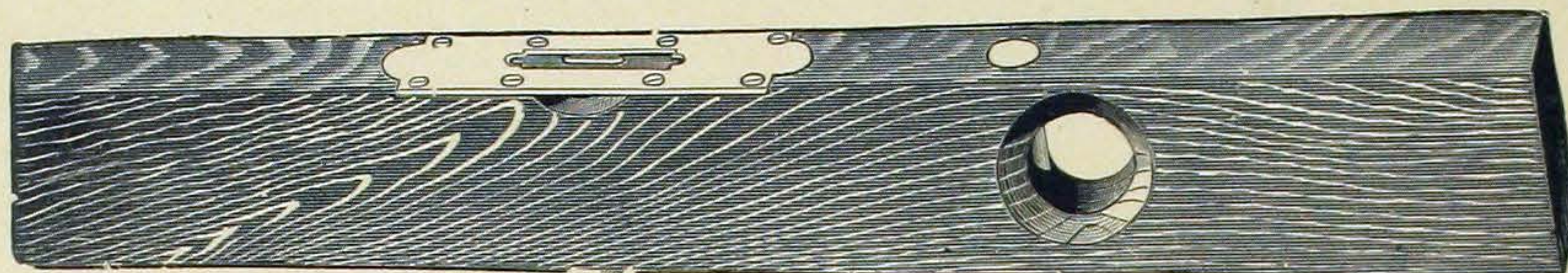
Level Glasses.

1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/2 inches.
\$5 50	5 65	5 75	5 85	6 00	6 25	7 50	8 50	9 00 per gross.
1 1/2 inches to 2 inches, assorted,	.	.	.	.	.	.	.	\$5 90 per gross.
2 1/2 " " 3 1/2 " "	.	.	.	.	.	.	.	8 50 "

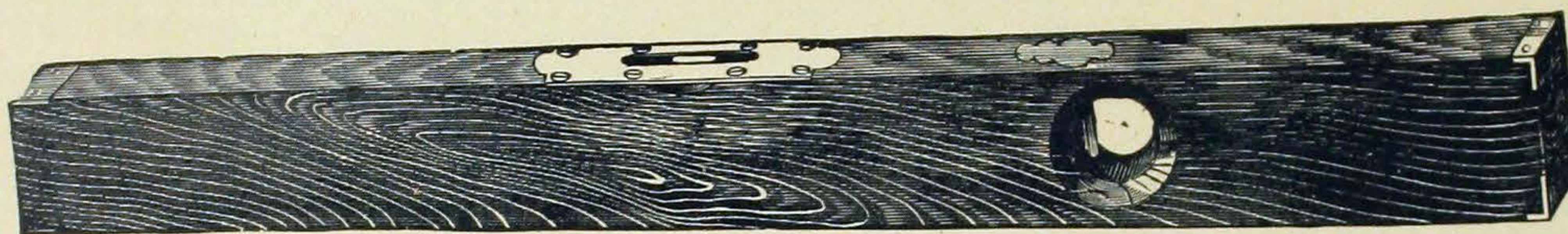
Put up in quarter-gross boxes.

Henry Disston & Son's Plumbs and Levels.

No. 9.



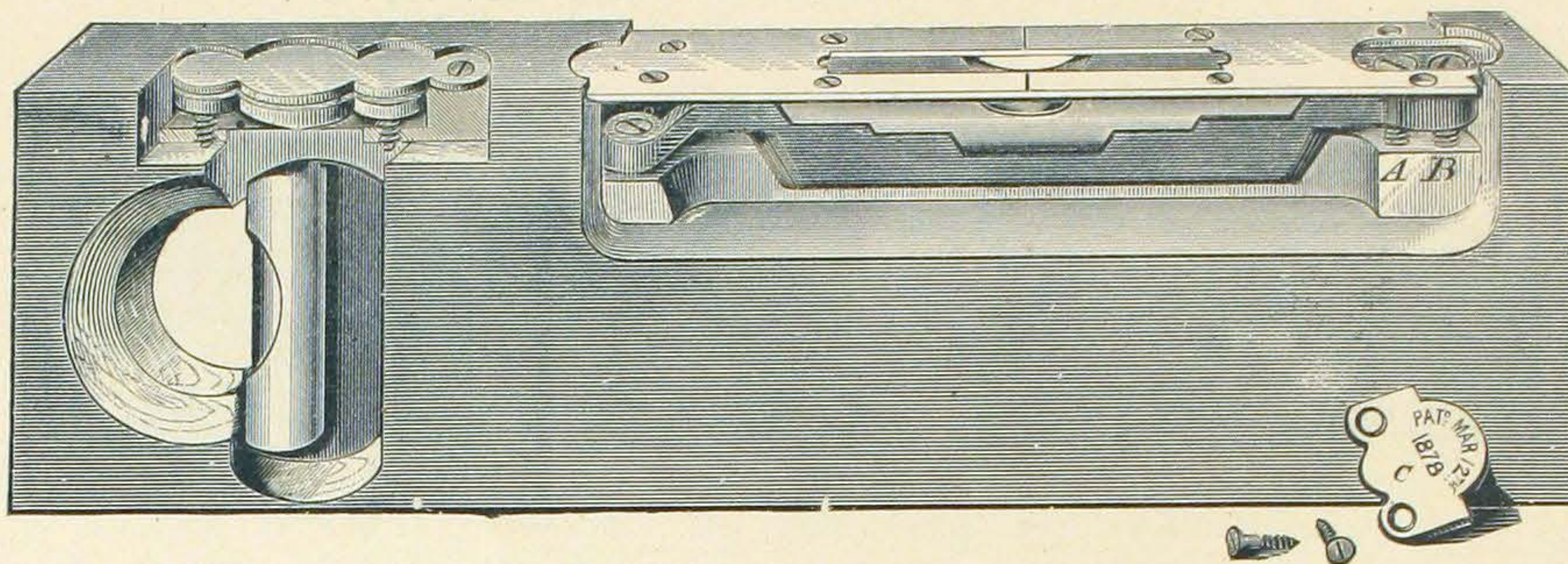
No. 16.



Plumbs and Levels.

No.			
1.	Level, Arch Top Plate, Two Side Views, Polished, Assorted,	10 to 16 inches,	\$ 4.50 per dozen.
2.	Mahogany Level, Arch Top Plate, Two Side Views, Polished, Assorted,	10 to 16 "	8.00 "
3.	Level, Arch Top Plate, Two Side Views, Polished, Assorted,	18 to 24 "	6.00 "
4.	Mahogany Level, Arch Top Plate, Two Side Views, Tipped and Polished, Assorted,	18 to 24 "	16.00 "
	(This Level is made expressly for setting up Engines, Billiard Tables, etc.)		
5.	Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,	12 to 18 "	7.00 "
6.	Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Tipped and Polished, Assorted,	12 to 18 "	12.00 "
7.	Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,	18 to 24 "	11.00 "
8.	Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Tipped and Polished, Assorted,	18 to 24 "	13.00 "
9.	Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted, (see cut),	24 to 30 "	9.00 "
10.	Plumb and Level, Arch Top Plate, Brass Lipped, Side Views, Polished, Assorted,	24 to 30 "	11.00 "
11.	Plumb and Level, Arch Top Plate, Two Side Views, Tipped and Polished, Assorted,	24 to 30 "	14.00 "
12.	Plumb and Level, Arch Top Plate, Brass Lipped Side Views, Tipped and Polished, Assorted,	24 to 30 "	17.50 "
12½.	Mason's Plumb Rule,	36 "	6.75 "
13.	" Plumb and Level,	36 "	10.00 "
14.	" " " Two Plumbs,	36 "	12.00 "
14½.	" " " " "	48 "	13.00 "
14½.	" " " " "	48 "	15.00 "
12½.	" " Rule,	42 "	7.25 "
12½.	" " " " "	48 "	7.75 "
13.	" " and Level,	42 "	10.50 "
13.	" " " " "	48 "	11.00 "

Patent Adjustable Plumb and Level.



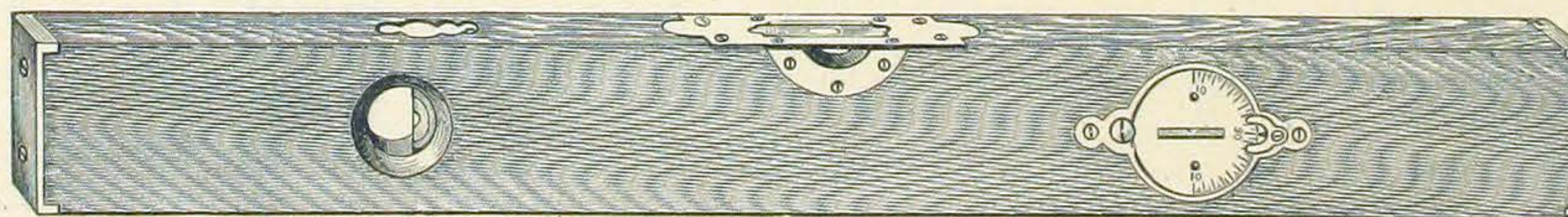
In presenting this level to the Trade, we would say that it is superior to any other adjustable level now in use. The adjusting is done by screws, and when adjusted forms a perfectly solid plumb and level, and therefore cannot get out of order. The adjusting screws are covered by the protecting shield *C*, thereby securing its accuracy at all times. Mechanics can rely on it.

Directions for Adjusting.

To adjust the level, remove protecting shield; loosen flat-head screw *A*; raise or lower round-head screw *B* until bubble is true; then tighten screw *A*. To adjust plumb, remove protecting shield; loosen one screw and tighten the other until the bubble is true.

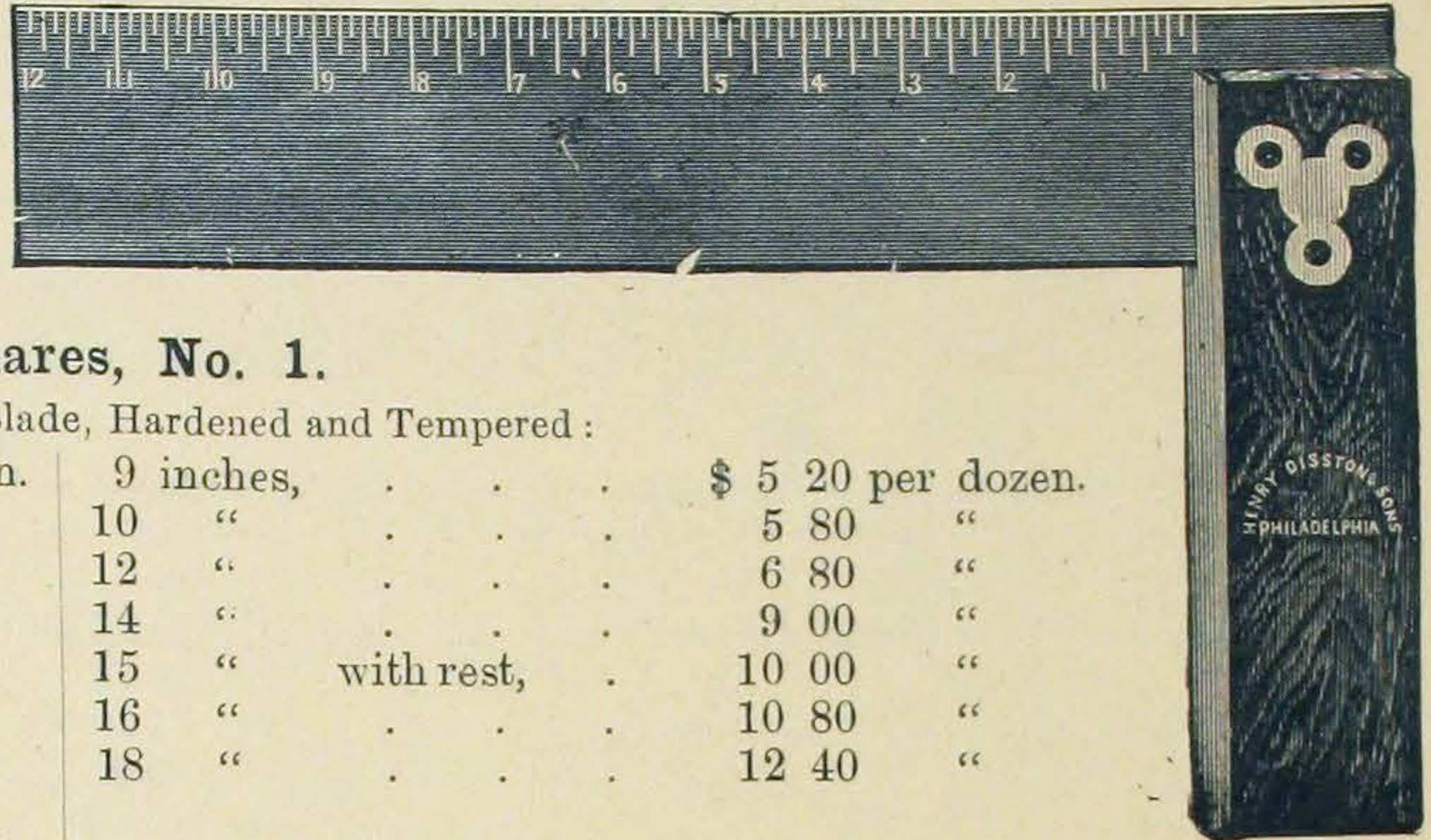
No.			
15.	Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted,	26 to 28 inches,	\$13.50 per dozen.
16.	Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Tipped and Polished, Assorted, (see cut),	26 to 30 "	15.00 "
17.	Patent Adjustable Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Tipped and Polished, Assorted (see cut),	26 to 30 "	19.50 "
18.	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Tipped and Polished, Assorted,	26 to 30 "	19.00 "
19.	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Side Views, Polished, Assorted,	26 to 30 "	16.00 "
20.	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Polished, Assorted,	26 to 30 "	17.50 "
21.	Patent Adjustable Mahogany Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Tipped and Polished, Assorted,	26 to 30 "	24.00 "
22.	Patent Adjustable Triple Stock Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Tipped and Polished, Assorted,	26 to 30 "	24.00 "
23.	Patent Adjustable Mahogany Triple Stock Plumb and Level, Arch Top Plate, Two Brass Lipped Side Views, Tipped and Polished, Assorted,	26 to 30 "	30.00 "

Graduating Level.



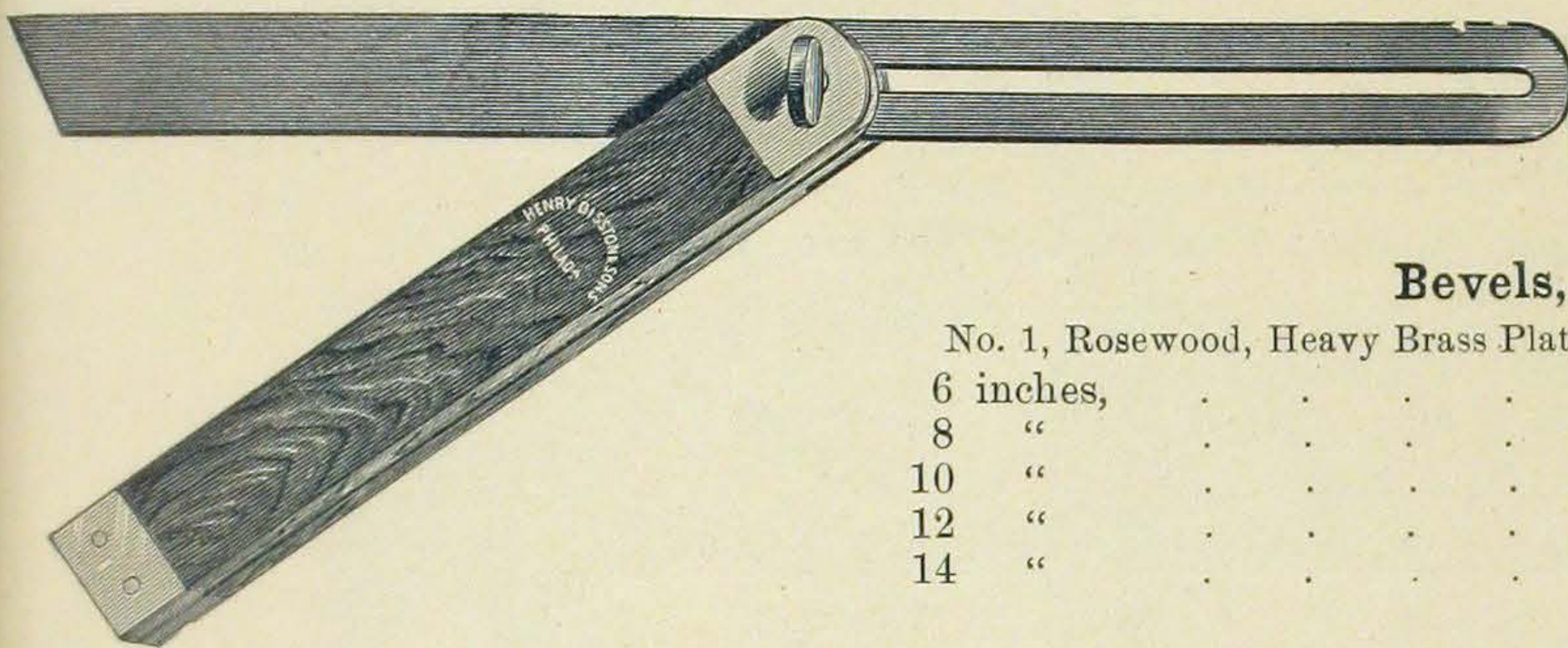
The Graduating Level is very useful in getting any degree or angle required. This improvement can be put into any of our plumbs and levels in this list at the following price additional.

Improvements inserted in brass bearing (see cut),	Per dozen.
" " wood "	\$10 50
	6 00

**Try Squares, No. 1.**

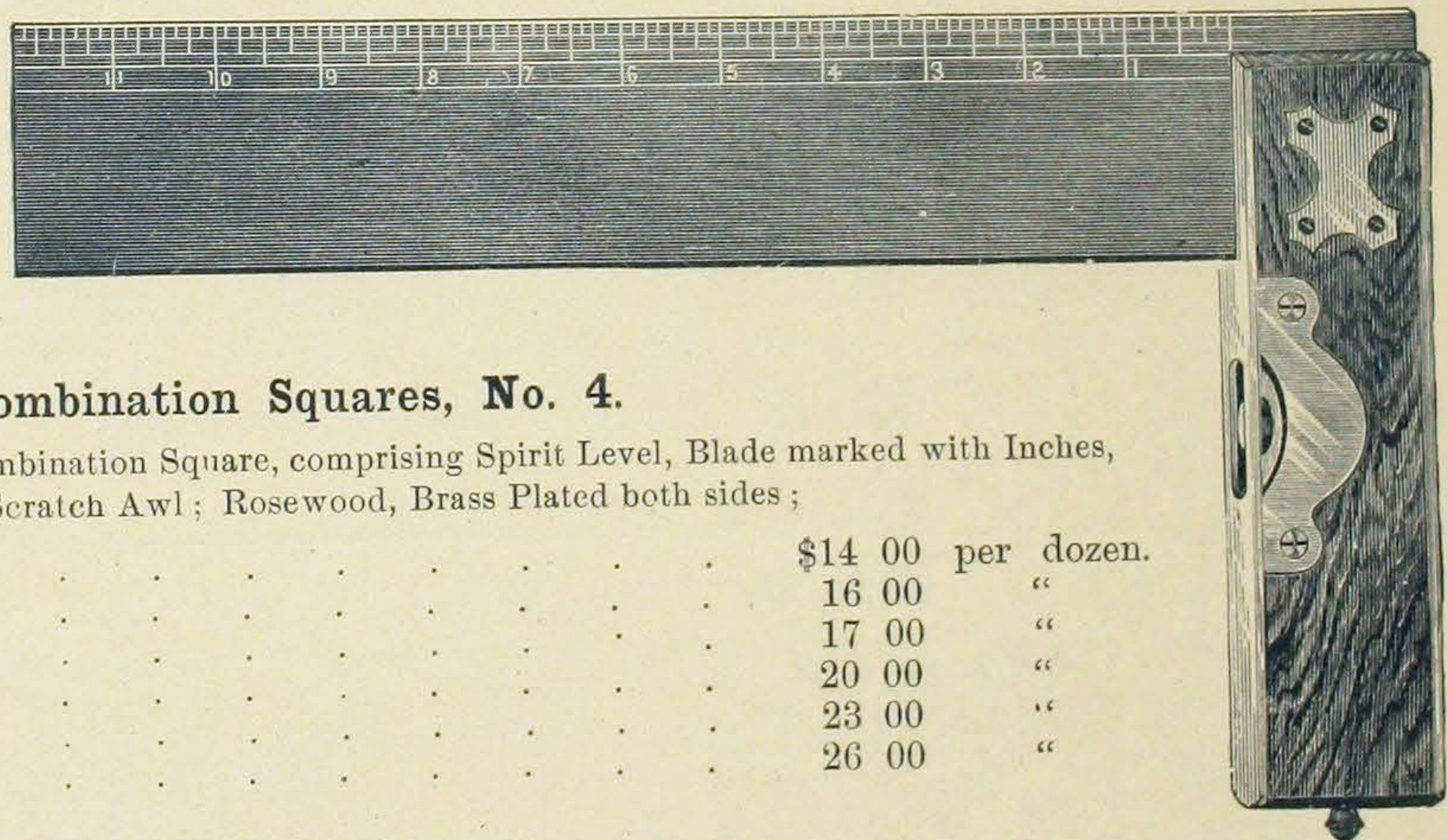
No. 1, Rosewood, Steel Blade, Hardened and Tempered:

3 inches,	\$2 40	per dozen.	9 inches,	\$ 5 20	per dozen.
4 "	2 80	"	10 "	5 80	"
4½ "	3 00	"	12 "	6 80	"
5 "	3 40	"	14 "	9 00	"
6 "	4 00	"	15 " with rest,	10 00	"
7 "	4 40	"	16 "	10 80	"
7½ "	4 60	"	18 "	12 40	"
8 "	4 80	"			

**Bevels, No. 1.**

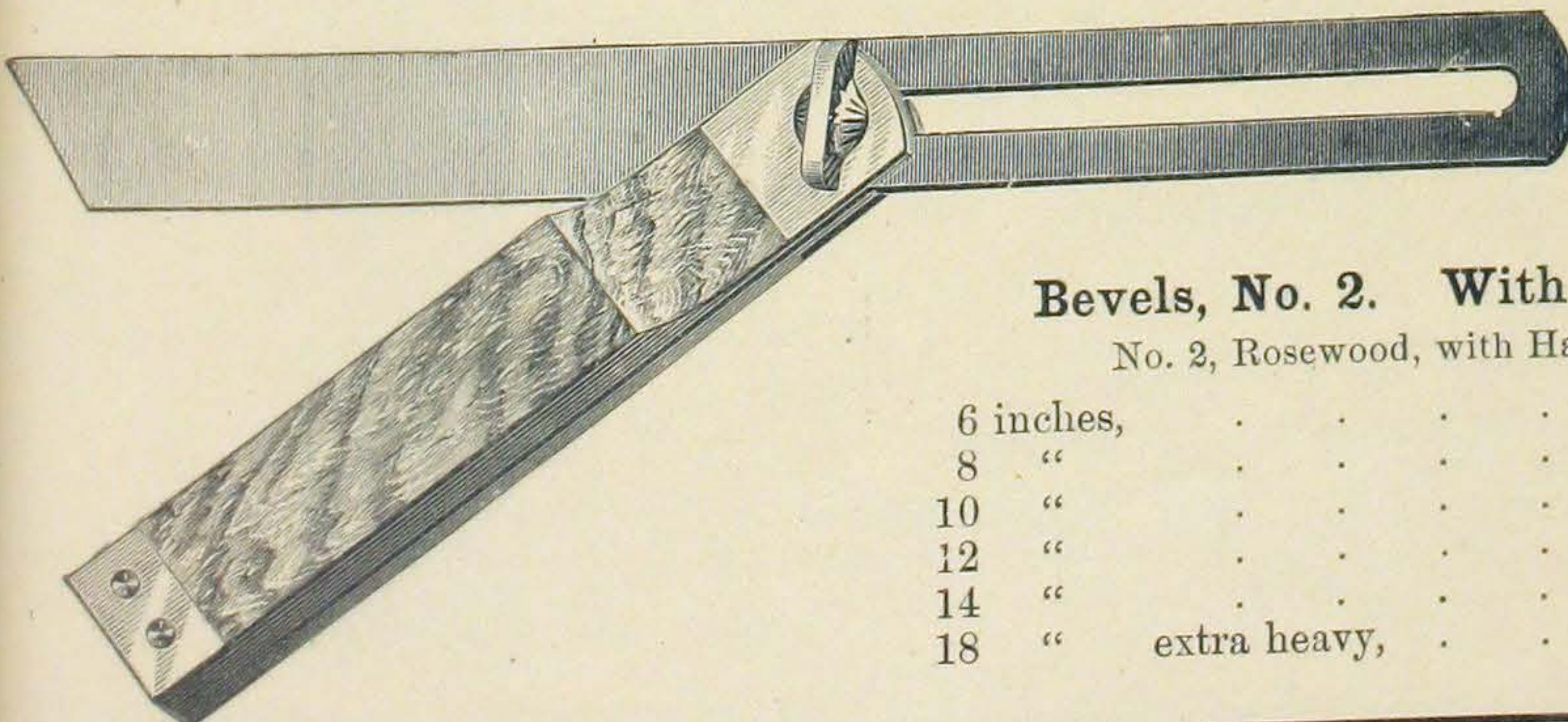
No. 1, Rosewood, Heavy Brass Plated, Blade Hardened and Tempered:

6 inches,	\$4 25	per dozen
8 "	4 75	"
10 "	5 00	"
12 "	5 50	"
14 "	6 00	"

**Combination Squares, No. 4.**

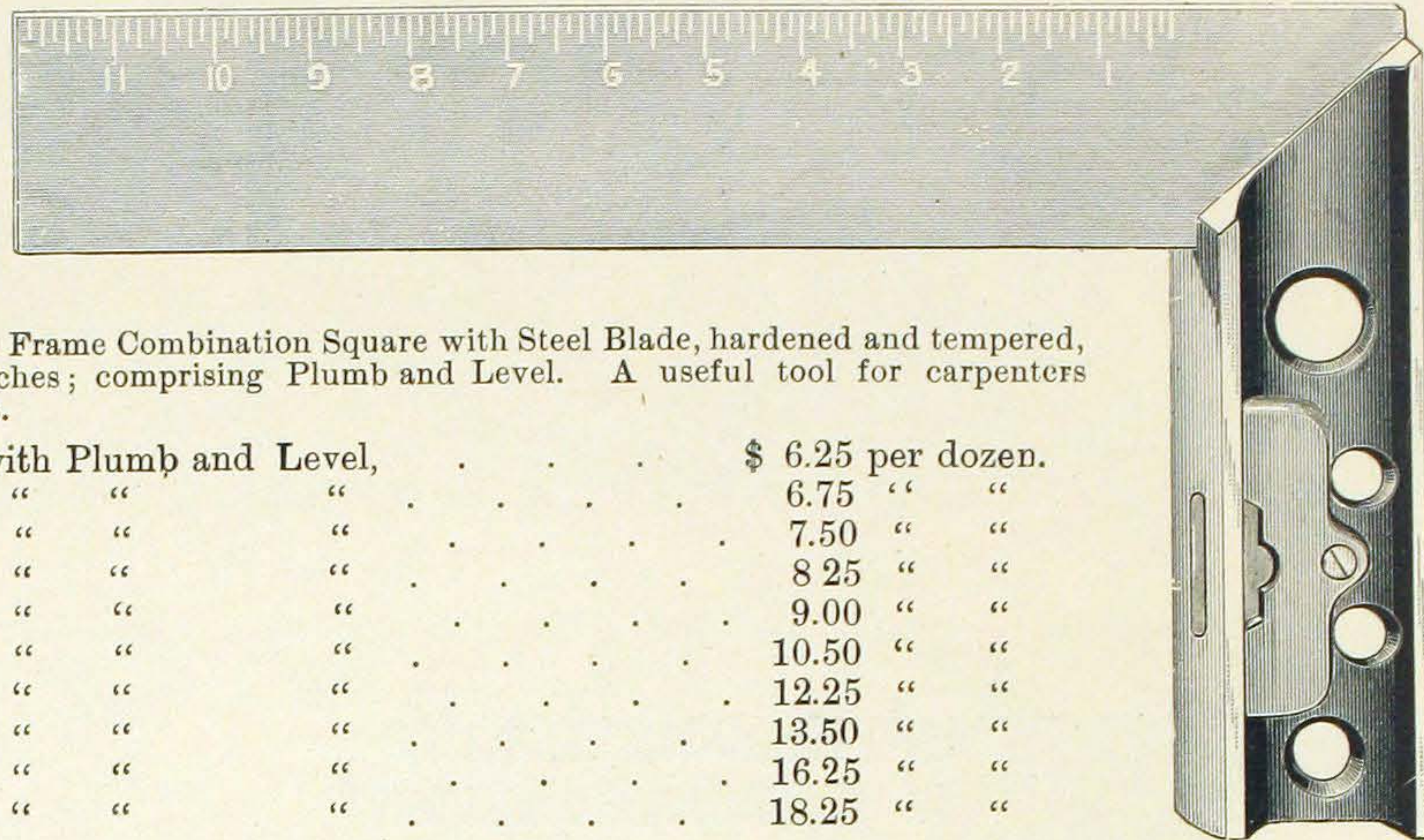
No. 4, Improved Spirit Level, Combination Square, comprising Spirit Level, Blade marked with Inches, and Scratch Awl; Rosewood, Brass Plated both sides;

8 inches,	\$14 00	per dozen.
10 "	16 00	"
12 "	17 00	"
14 "	20 00	"
16 " with rest,	23 00	"
18 "	26 00	"

**Bevels, No. 2. With Improved Flush Screw.**

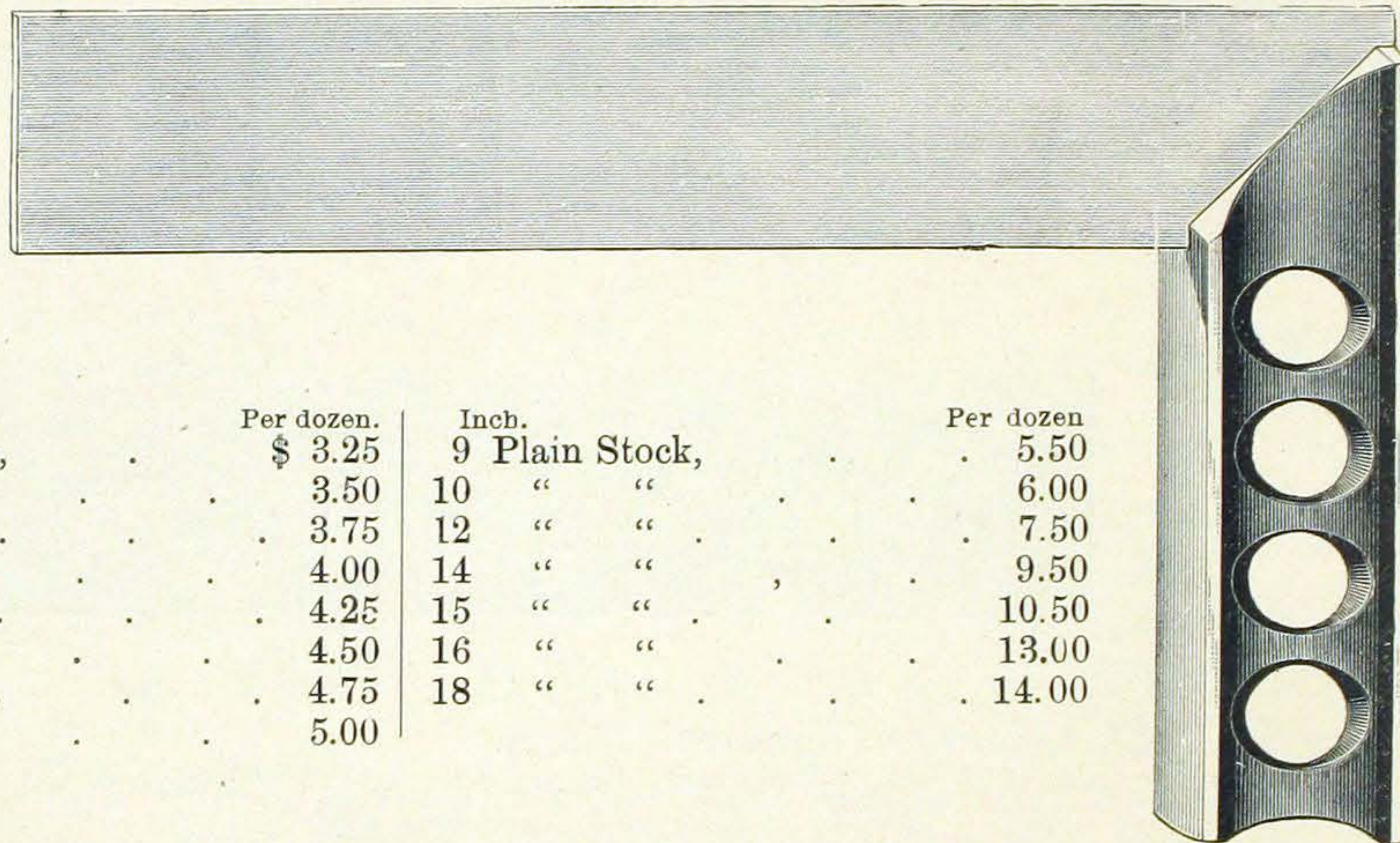
No. 2, Rosewood, with Hardened and Tempered Blade:

6 inches,	\$5 00	per dozen.
8 "	5 50	"
10 "	6 00	"
12 "	6 50	"
14 "	7 00	"
18 " extra heavy,	35 00	"

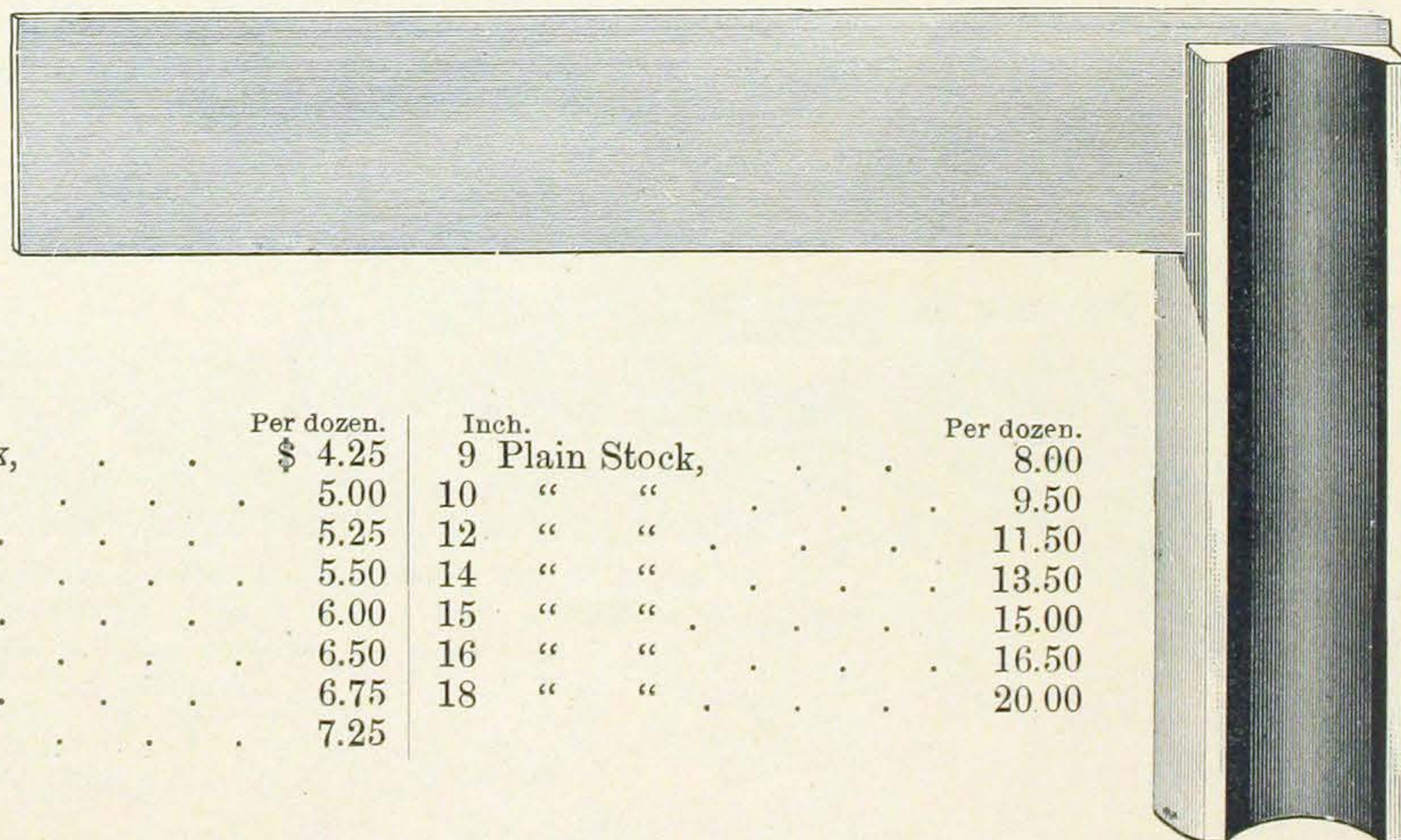
Improved Iron Frame Combination Square No. 2 $\frac{1}{2}$.

No. 2 $\frac{1}{2}$ Iron Frame Combination Square with Steel Blade, hardened and tempered, marked with inches; comprising Plumb and Level. A useful tool for carpenters and millwrights.

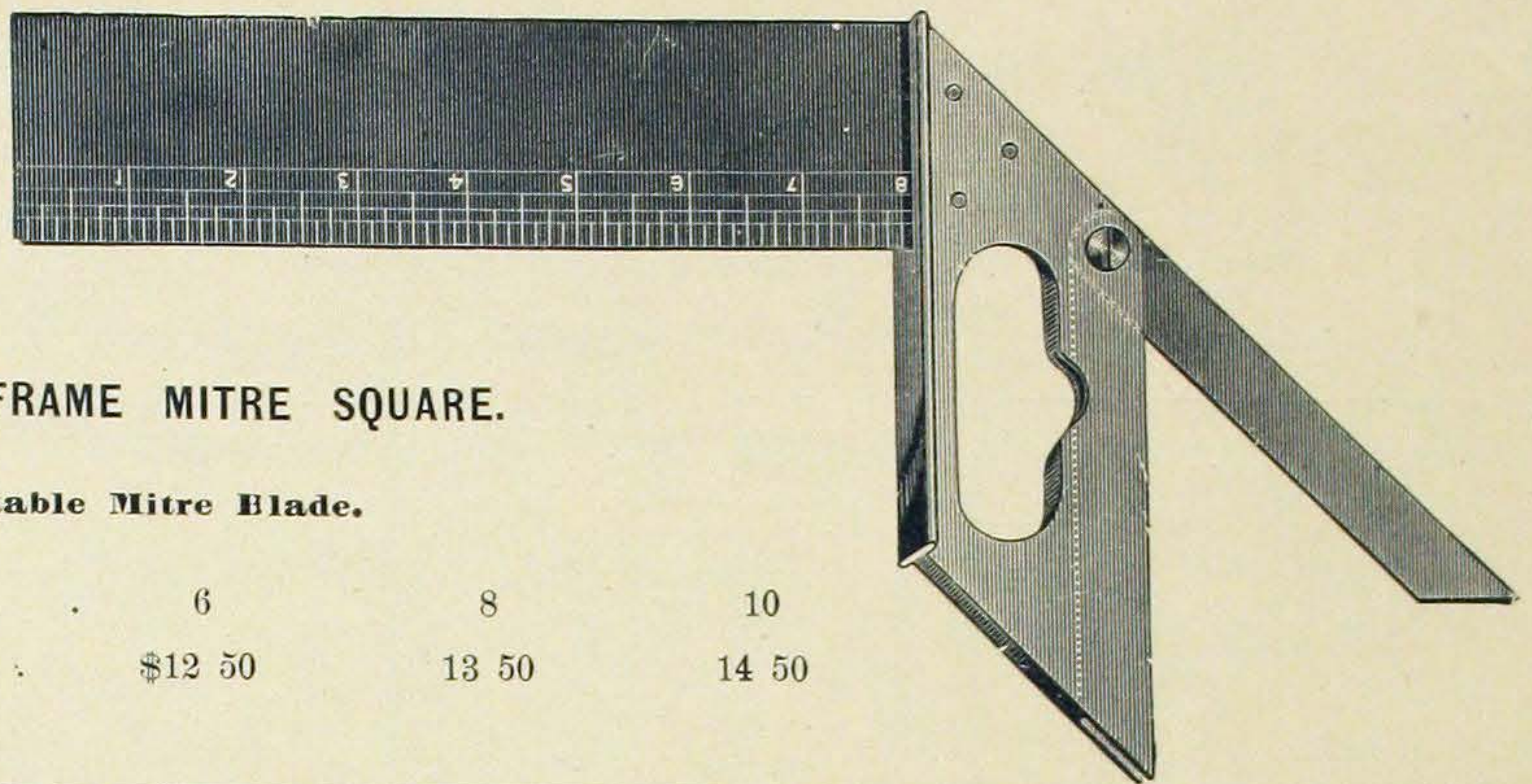
6 inches, with Plumb and Level,		\$ 6.25 per dozen.
7 " " " "		6.75 " "
8 " " " "		7.50 " "
9 " " " "		8.25 " "
10 " " " "		9.00 " "
12 " " " "		10.50 " "
14 " " " "		12.25 " "
15 " " " "		13.50 " "
16 " " " "		16.25 " "
18 " " " "		18.25 " "

Improved Iron Frame Try Square, No. 3 $\frac{1}{2}$.

Inch.	Per dozen.	Inch.	Per dozen.
3 Plain Stock,	\$ 3.25	9 Plain Stock,	5.50
4 " " "	3.50	10 " " "	6.00
4 $\frac{1}{2}$ " " "	3.75	12 " " "	7.50
5 " " "	4.00	14 " " "	9.50
6 " " "	4.25	15 " " "	10.50
7 " " "	4.50	16 " " "	13.00
7 $\frac{1}{2}$ " " "	4.75	18 " " "	14.00
8 " " "	5.00		

Improved Iron Frame, Try Square, No. 4 $\frac{1}{2}$.

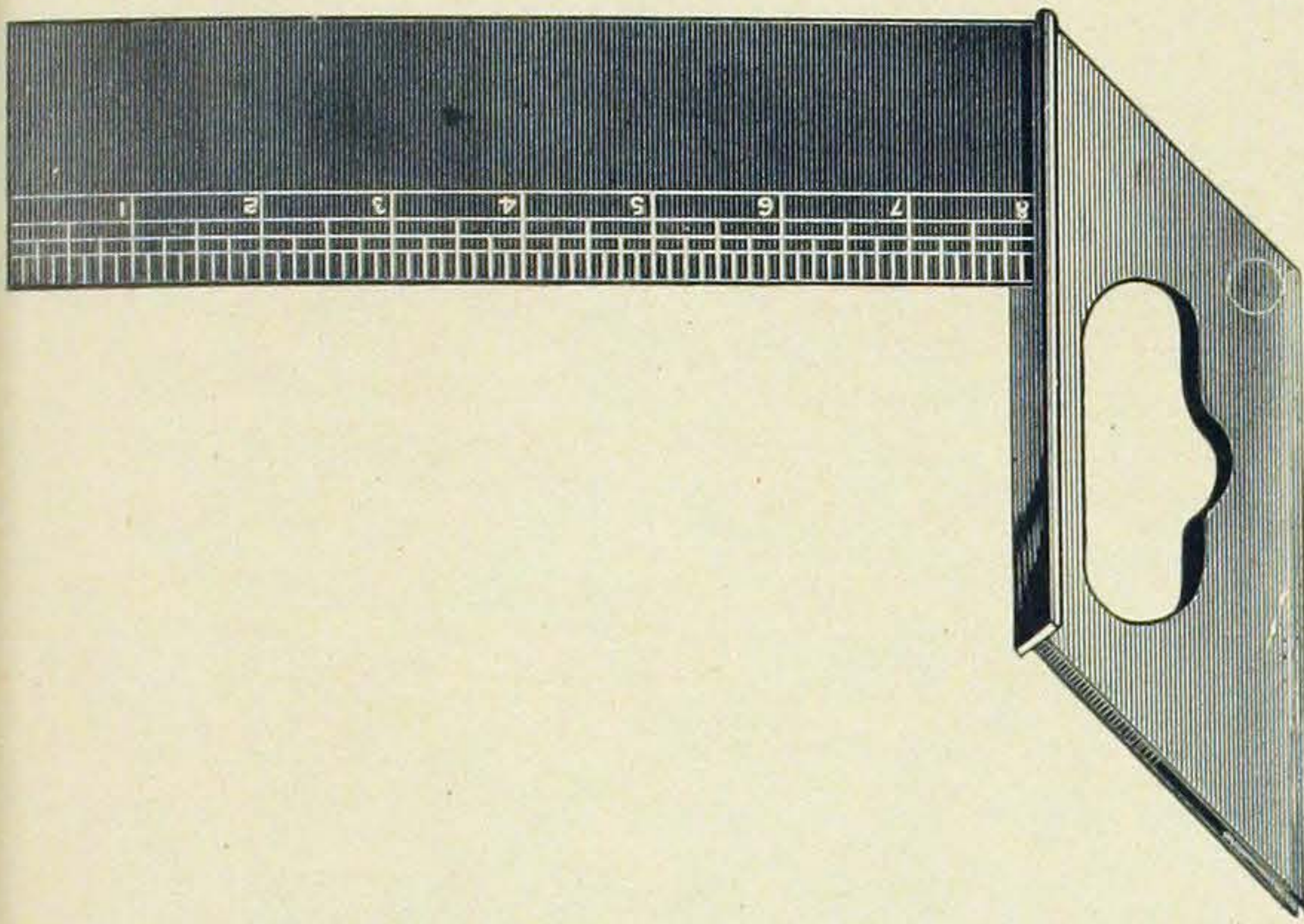
Inch.	Per dozen.	Inch.	Per dozen.
3 Plain Stock,	\$ 4.25	9 Plain Stock,	8.00
4 " " "	5.00	10 " " "	9.50
4 $\frac{1}{2}$ " " "	5.25	12 " " "	11.50
5 " " "	5.50	14 " " "	13.50
6 " " "	6.00	15 " " "	15.00
7 " " "	6.50	16 " " "	16.50
7 $\frac{1}{2}$ " " "	6.75	18 " " "	20.00
8 " " "	7.25		



IMPROVED IRON FRAME MITRE SQUARE.

With Adjustable Mitre Blade.

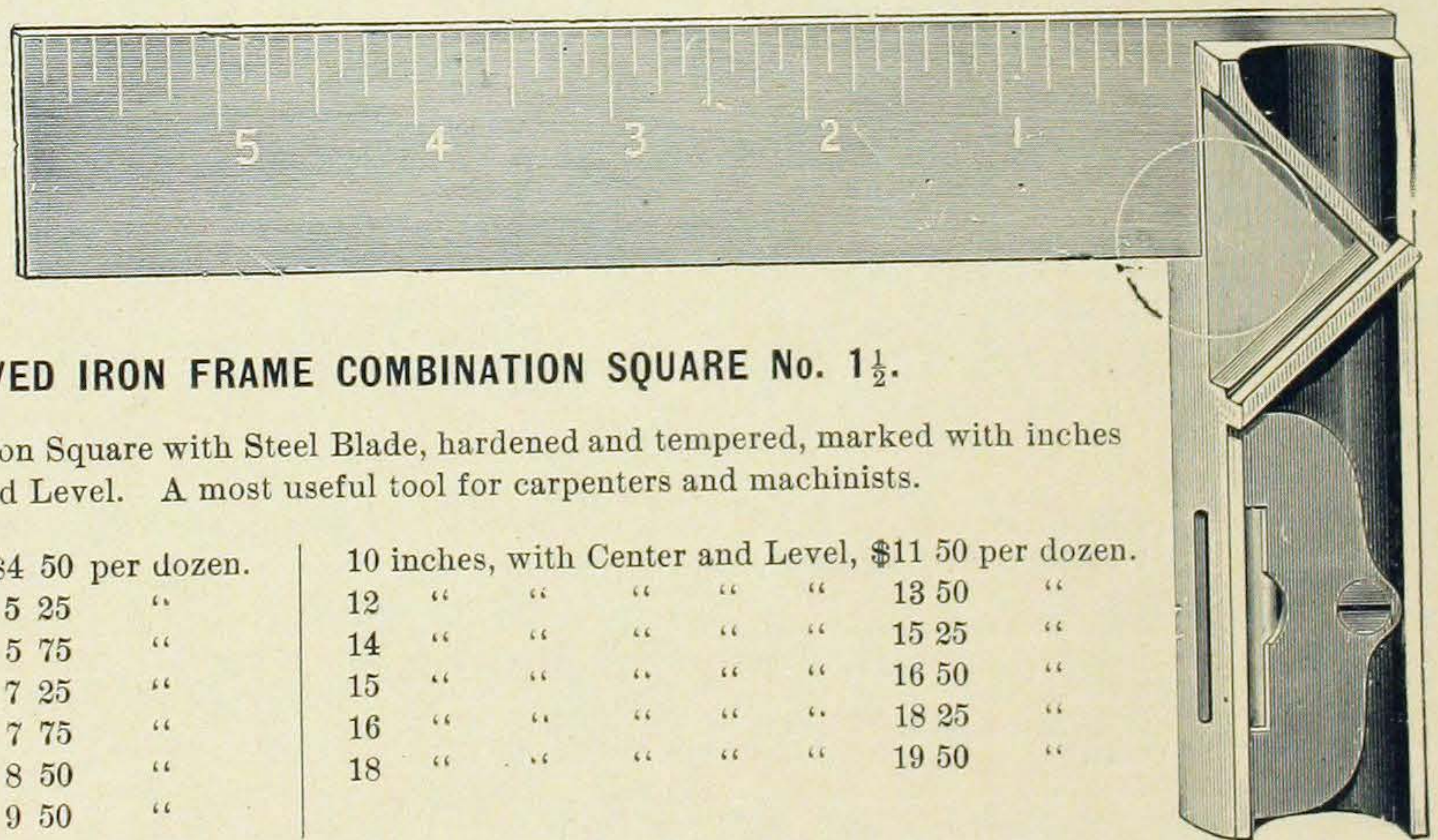
Inch,	6	8	10
Per dozen,	\$12 50	13 50	14 50



IMPROVED IRON FRAME MITRE SQUARE.

Without Adjustable Mitre Blade.

Inch,	6	8	10
Per dozen,	\$11 50	12 50	13 50



PATENT IMPROVED IRON FRAME COMBINATION SQUARE No. 1 1/2.

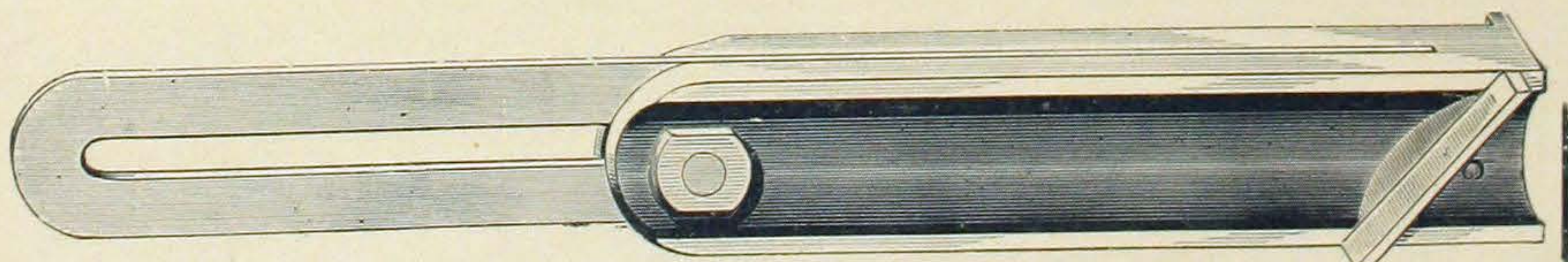
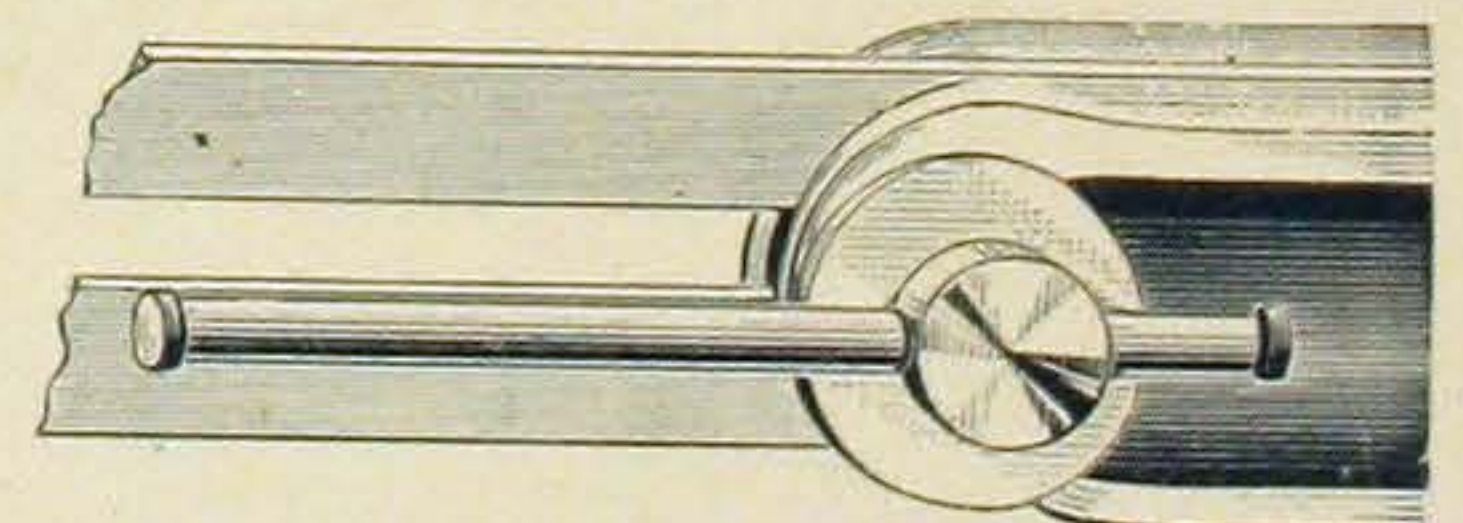
No. 1 1/2 Iron Frame Combination Square with Steel Blade, hardened and tempered, marked with inches comprising Center, Mitre, Plum and Level. A most useful tool for carpenters and machinists.

3 inches, with Center, no Level,	\$4 50 per dozen.	10 inches, with Center and Level,	\$11 50 per dozen.
4 " " " " "	5 25 "	12 " " " " "	13 50 "
5 " " " " "	5 75 "	14 " " " " "	15 25 "
6 " " " and "	7 25 "	15 " " " " "	16 50 "
7 " " " " "	7 75 "	16 " " " " "	18 25 "
8 " " " " "	8 50 "	18 " " " " "	19 50 "
9 " " " " "	9 50 "		

IRON COMBINATION BEVEL.

8 inch Blade, \$6 00 per dozen.

This tool comprises a Square, Mitre and Steel Blade and Parallel Edges. A useful tool for carpenters.



HENRY DISSTON & SONS' FILE COMPANY, LIMITED.

PRICE-LIST OF FILES AND RASPS.

MILL AND ROUND.				FLAT AND SQUARE.				HAND, WARDING AND PILLAR.				HALF ROUND & THREE SQUARE.			
INCH.	BASTARD.	2d CUT.	SMOOTH.	INCH.	BASTARD.	2d CUT.	SMOOTH.	INCH.	BASTARD.	2d CUT.	SMOOTH.	INCH.	BASTARD.	2d CUT.	SMOOTH.
4	\$1 80	\$2 15	\$2 40	4	\$2 00	\$2 40	\$2 65	4	\$2 25	\$2 70	\$3 00	4	\$2 50	\$3 00	\$3 30
5	2 00	2 40	2 65	5	2 20	2 60	2 90	5	2 50	3 00	3 30	5	2 80	3 35	3 70
6	2 25	2 65	2 95	6	2 50	2 95	3 25	6	2 80	3 30	3 65	6	3 20	3 80	4 15
7	2 55	3 00	3 30	7	2 90	3 40	3 75	7	3 20	3 75	4 15	7	3 70	4 35	4 80
8	2 90	3 40	3 70	8	3 40	4 00	4 35	8	3 70	4 35	4 75	8	4 30	5 00	5 50
9	3 30	3 85	4 20	9	4 00	4 70	5 10	9	4 35	5 10	5 55	9	5 00	5 85	6 40
10	3 80	4 40	4 80	10	4 70	5 45	5 90	10	5 20	6 00	6 55	10	5 80	6 75	7 30
11	4 50	5 20	5 65	11	5 60	6 50	7 05	11	6 30	7 30	7 95	11	6 70	7 75	8 45
12	5 40	6 20	6 75	12	6 70	7 70	8 40	12	7 50	8 60	9 40	12	7 80	9 00	9 75
13	6 50	7 45	8 05	13	8 00	9 15	10 00	13	8 90	10 20	11 00	13	9 10	10 40	11 25
14	7 80	8 90	9 65	14	9 50	10 90	11 80	14	10 50	12 00	13 00	14	10 60	12 10	13 10
15	9 30	10 60	11 45	15	11 20	12 75	13 75	15	12 30	14 00	15 10	15	12 40	14 15	15 25
16	11 00	12 50	13 40	16	13 10	14 85	16 00	16	14 30	16 20	17 50	16	14 50	16 50	17 70
17	12 90	14 60	15 60	17	15 25	17 25	18 45	17	16 60	18 75	20 10	17	16 90	19 10	20 50
18	15 10	16 90	18 10	18	17 65	19 75	21 20	18	19 20	21 50	23 00	18	19 60	22 00	23 50
19	17 60	19 70	21 10	19	20 30	22 75	24 35	19	22 10	24 75	26 50	19	22 60	25 30	27 10
20	20 40	22 85	24 50	20	23 20	26 00	27 85	20	25 30	28 35	30 35	20	26 00	29 10	31 20

EXTRAS.
 Mill Double Cut, - advance 1 in.
 Mill Narrow Points, " 1 "
 Cross-Cut Saw (Blunt), " 2 "

EXTRAS.
 Cant Blunt (Double Cut), - adv. 2 in.

EXTRAS.
 Ginsaw (Single Cut), take Bast. price.
 Slotting (Blunt), advance 2 inches.

EXTRAS.
 Knife, - - - - - adv. 1 in.
 High Back Hlf. Rd. (Blunt), " 2 "
 Cross " " 2 "
 Feather Edge, " " 2 "

Inch,	3	3½	4	4½	5	5½	6	7	8	9	10	11	12	13	14
Tapers, . . . Single Cut,	\$1 10	\$1 10	\$1 20	\$1 40	\$1 70	\$2 00	\$2 40	\$3 00	\$3 80	\$4 60	\$5 70	\$7 20	\$9 00	\$11 00	\$13 20
" " " Double "	1 60	1 60	1 75	2 00	2 40	2 75	3 25	4 00	4 95	5 90	7 10	8 80	10 80	12 90	15 20
Slim Tapers, Single "	1 20	1 20	1 30	1 45	1 70	1 90	2 10	2 50	3 00	3 70	4 50	5 50	6 80	8 30	10 00
" " " Double "	1 80	1 80	1 90	2 10	2 40	2 60	2 85	3 30	3 90	4 70	5 60	6 75	8 20	9 75	11 50
Pitsaw Bl'nt, Single "	2 10	2 10	2 20	2 30	2 50	2 80	3 20	3 70	4 30	5 00	5 80	6 70	7 70	.....	.....
Hooktooth " " "	.....	.....	.....	.....	.....	.....	3 60	3 90	4 40	5 10	6 00	7 10	8 40	.....	.....

EXTRAS, { **Bandsaw, Heavy, Blunt,** take Taper Double Cut price, } **Taper Points** same price.
 " **Light** " " Slim Taper " " "
 Cantsaw, " **Single Cut,** } take Pitsaw price.
 Round Gulleting, " " "
 Round Off, " " " take Hooktooth price.
 Tapers, pointed at both ends (without handles), double the price of Slim Tapers of half their length.

Inches,	6	7	8	9	10	11	12	13	14	15	16	17	18
Horse Rasps, { Plain, . . . . .	.....	.....	.....	.....	\$6 50	\$7 50	\$9 00	\$10 70	\$12 70	\$15 00	\$17 60	\$20 50	\$23 70
{ Beveled and ¾ Rasp, . . . . .	.....	.....	.....	.....	7 20	8 30	10 00	11 80	14 00	16 50	19 40	22 50	26 00
{ Tanged, . . . . .	.....	.....	.....	.....	9 00	10 25	12 00	14 00	16 50	19 50	23 00	.....	.....
Wood Rasps, { H'lf Round and Flat,	\$4 20	\$5 00	\$6 10	\$7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50	.....	.....
Cabinet, { Rasps,	6 00	7 00	8 20	9 60	11 20	13 00	15 00	17 20	19 60	22 20	25 00	.....	.....
{ Files,	4 20	5 00	6 10	7 30	8 75	10 40	12 30	14 50	16 90	19 60	22 50	.....	.....
Shoe Rasps, { H'lf Round and Flat,	4 60	5 30	6 10	7 00	8 00	9 10	10 30	11 60	13 00	.....	.....	.....	.....
{ Oval,	5 30	6 10	7 00	8 00	9 10	10 30	11 60	.....	.....	.....	.....	.....	.....

EXTRAS, { **File Rasps, Flat and Half Round,** take Flat and Half Round Wood Rasp price.
 { **Wood Files,** " " " " " " " " " " Bastard "
 { **Last Makers' Rasps,** 1 inch advance of Cabinet Rasp price.

EXTRAS (GENERAL).

One Round Edge, advance 7½ per cent., and **Two Round Edges,** 15 per cent. on respective Kinds and Cuts.
Blunt Files, not specified, advance one inch on respective Kinds and Cuts. **Dead Smooth,** double the price of Bastard Cut.
Equalings (Bellied), advance two inches on respective Kinds and Cuts.
Sizes, below 4 inches, not extended, take four inch price; **1-2 inches not specified,** take next higher full inch price.
Rough, Coarse, Union Cut, Brass or other than Regular Cut (not specified), made upon Regular or Standard shaped Blanks, advance one inch on respective Kinds and Cuts.
Single, or Float Cut (not specified), on Regular Shapes take Double Cut price.
Irregular Goods.—All lengths above those listed, and Files varying from Standard Sizes, to be classed as Irregular and subject to special prices.
Stave Saw Files, advance one inch on Pitsaw File price.
Inserted Tooth Saw Files, advance one inch on Hook Tooth Saw File price.

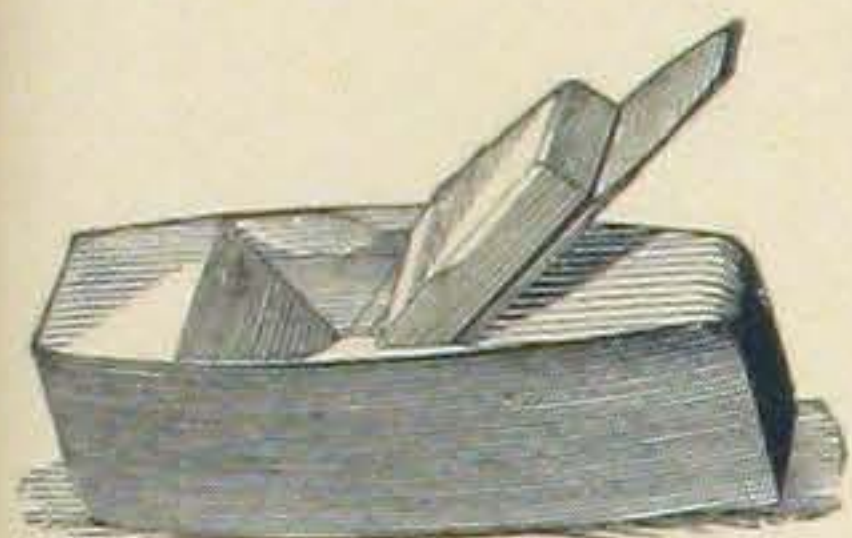
PLANES, PLANE IRONS, BENCH AND HAND SCREWS.

Bench Planes are packed in cases as follows: Smooth Planes, 36 in a case; Jack Planes, 36; Fore Planes, 24; Jointer Planes, 16.

Bench and Mitre Planes with wider iron, single, 10c. each; double, 15c. each, per $\frac{1}{8}$ inch extra (net).

Smoothing Planes.

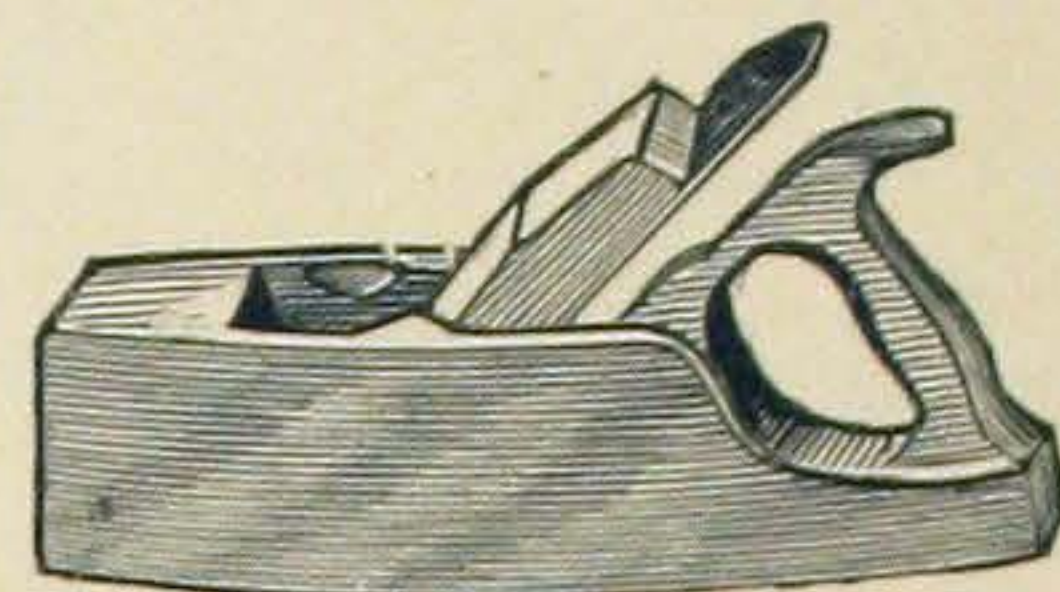
PACKED 36 IN A CASE. 2 TO $2\frac{1}{4}$ INCH IRONS.



No. 3.

No. 1, Single iron, with start,

2,	"	selected timber,	
3,	Double iron,	"	
4,	"	selected timber,	
5,	"	extra,	
6,	"	" polished,	
7,	"	solid handle,	
7 $\frac{1}{2}$,	"	" "Jack" handle,	
8,	"	Boxwood,	



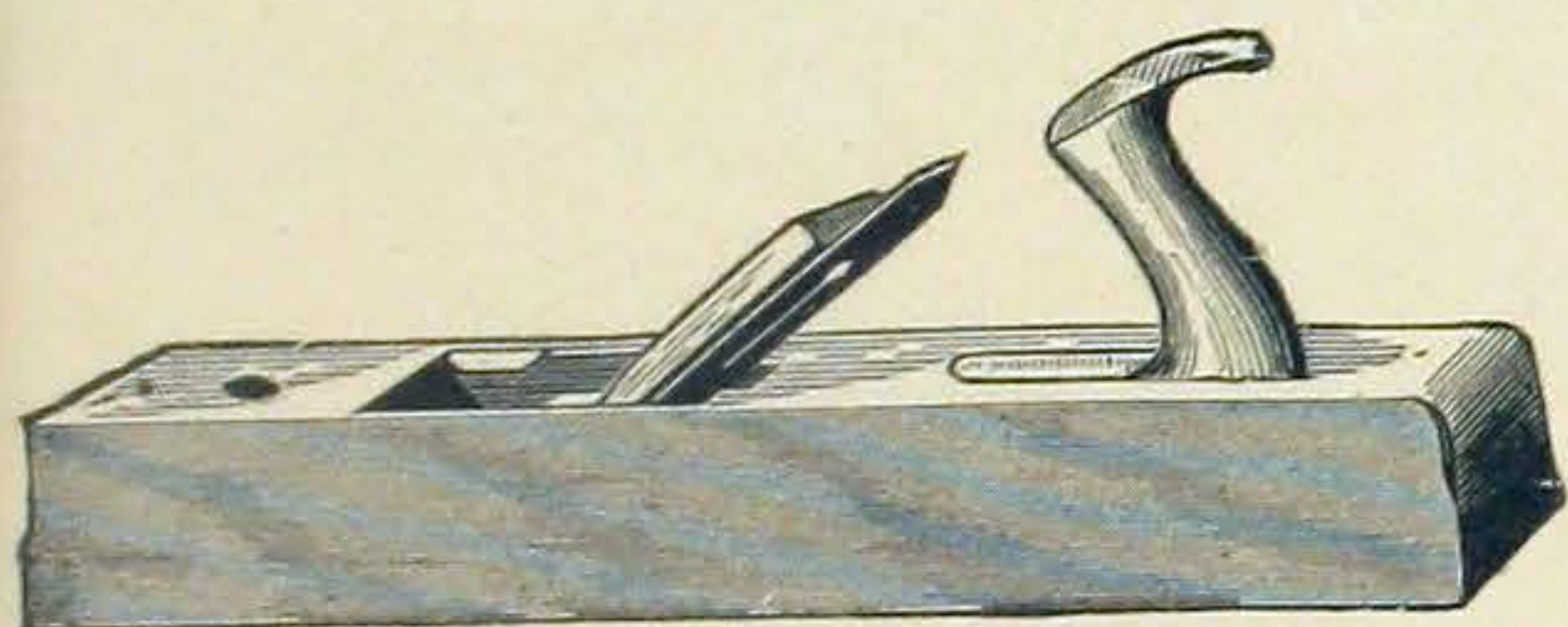
No. 7.

Price, each, \$0 60

"	0 70
"	0 90
"	1 00
"	1 10
"	1 25
"	1 75
"	1 50
"	2 50

Jack Planes.

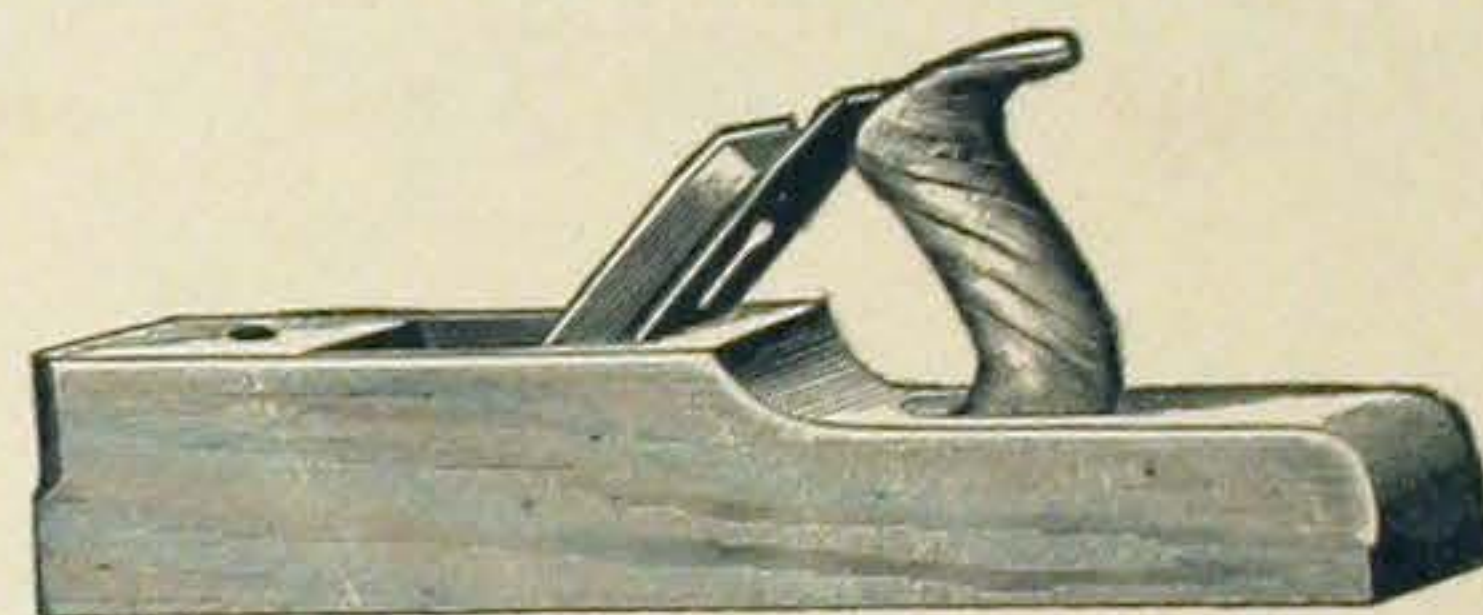
PACKED 36 IN A CASE. 2 TO $2\frac{1}{4}$ INCH IRONS.



No. 12.

No. 9, Single iron, with start,

10,	"	selected timber, bolted handle,	
11,	"	razee,	
12,	Double iron,	"	
13,	"	selected timber, bolted handle,	
14,	"	extra,	
15,	"	polished,	
16,	"	razee,	



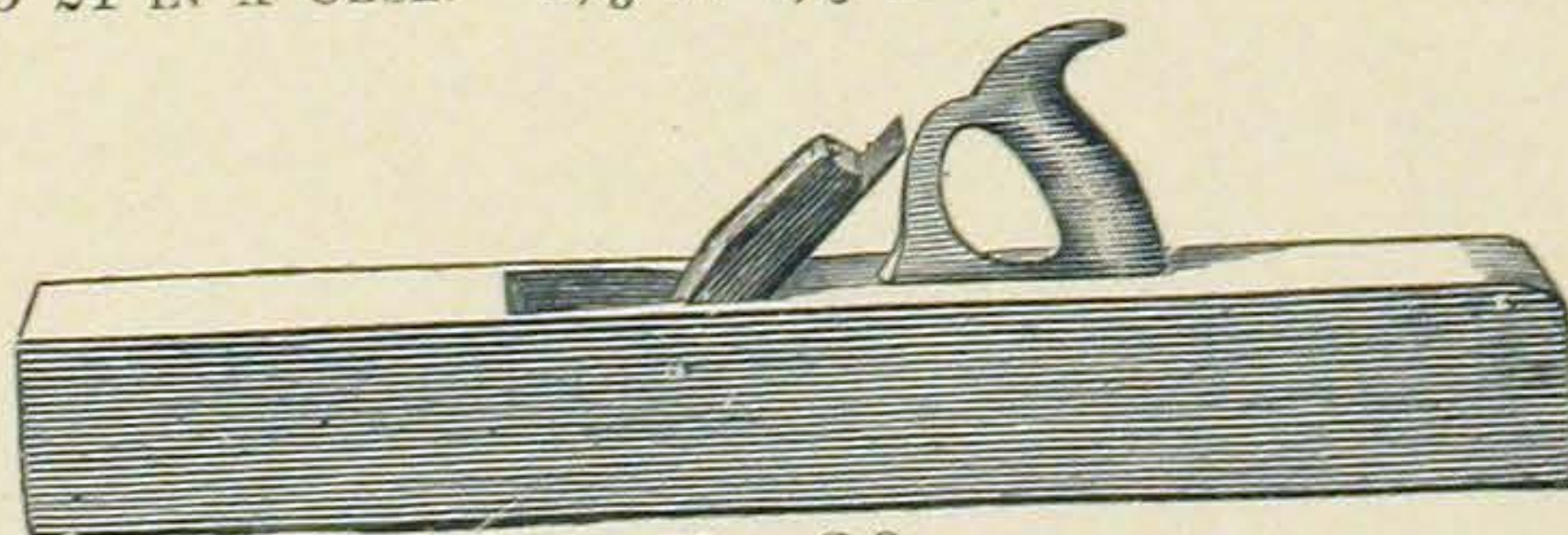
No. 16.

Price, each, \$0 75

"	0 85
"	1 00
"	1 00
"	1 10
"	1 25
"	1 50
"	1 20

Fore Planes.

PACKED 24 IN A CASE. $2\frac{3}{8}$ TO $2\frac{5}{8}$ INCH IRONS. 22 INCHES LONG.



No. 20.

No. 17,	Single iron, with start,	22 inch,	
18,	"	selected timber,	
19,	"	razee,	
20,	Double iron,	"	
21,	"	selected timber, bolted handle,	
22,	"	extra,	
23,	"	polished,	
24,	"	razee,	

Price, each, \$1 00

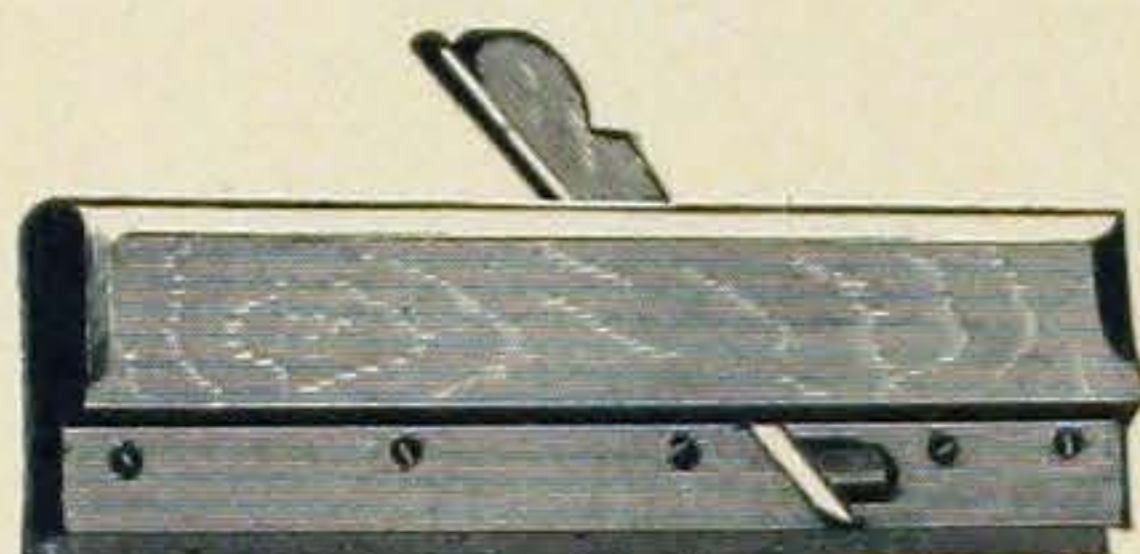
"	1 10
"	1 30
"	1 40
"	1 50
"	1 65
"	2 00
"	1 60

20 inch Fore, No. 20, same price as 22 inch.

RAISING PLANES.

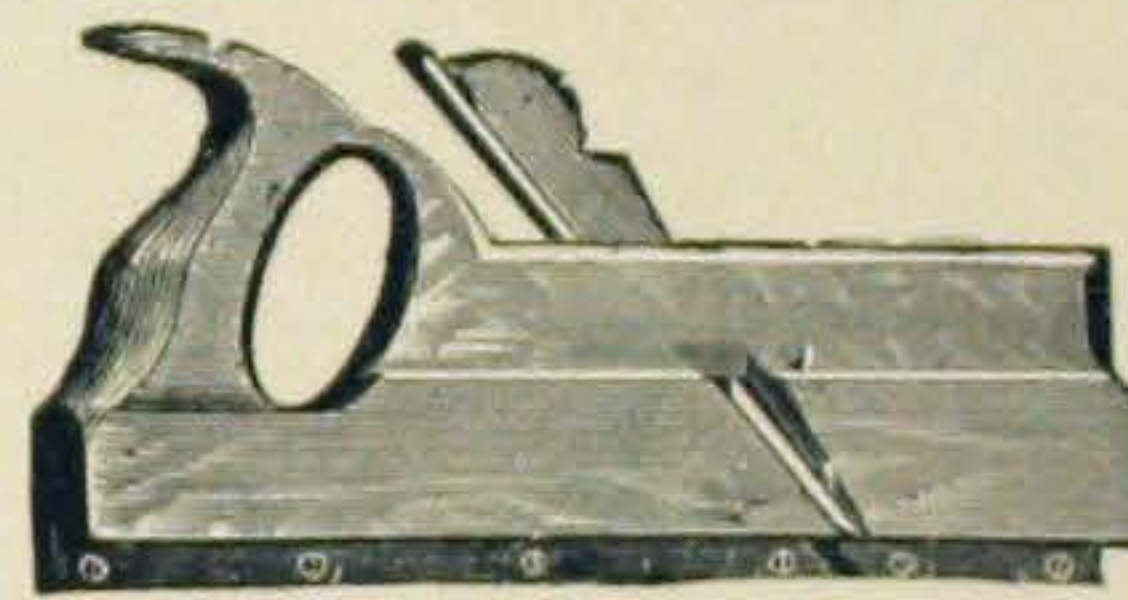
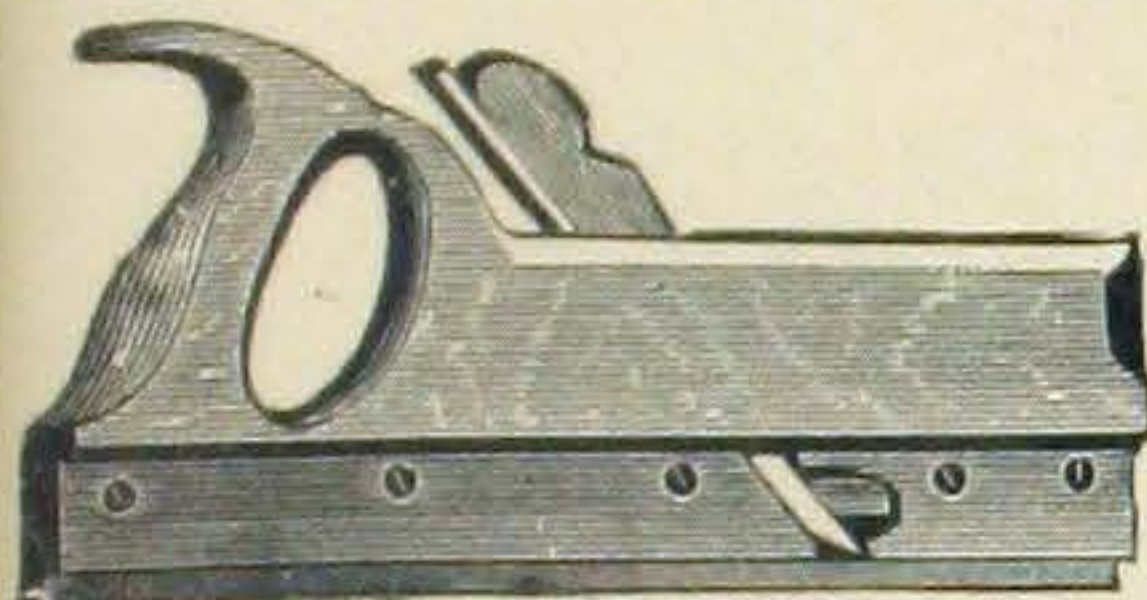
No. 60.	Raising Plane,	2½ inch, price, each,	\$2 50
61.	" "	3 " " "	3 00
62.	" "	3½ " " "	3 50
63.	" " with screw arms,	2½ " " "	2 80
64.	" " " " "	3 " " "	3 30
65.	" " " " "	3½ " " "	3 80
66.	" " " bevel and square, with cut,		1 40
67.	Hand-rail " round,		1 00
98.	" " ogee,		75

MATCH PLANES.



No. 69.

No. 69.	Board, twin or separate,	to 1¼ inch, per pair,	\$1 25
70.	" " " plated,	" 1¼ " "	1 50
72.	" " " "	" 1 " "	1 25
72.	" " iron faced,	" 1 " "	1 50



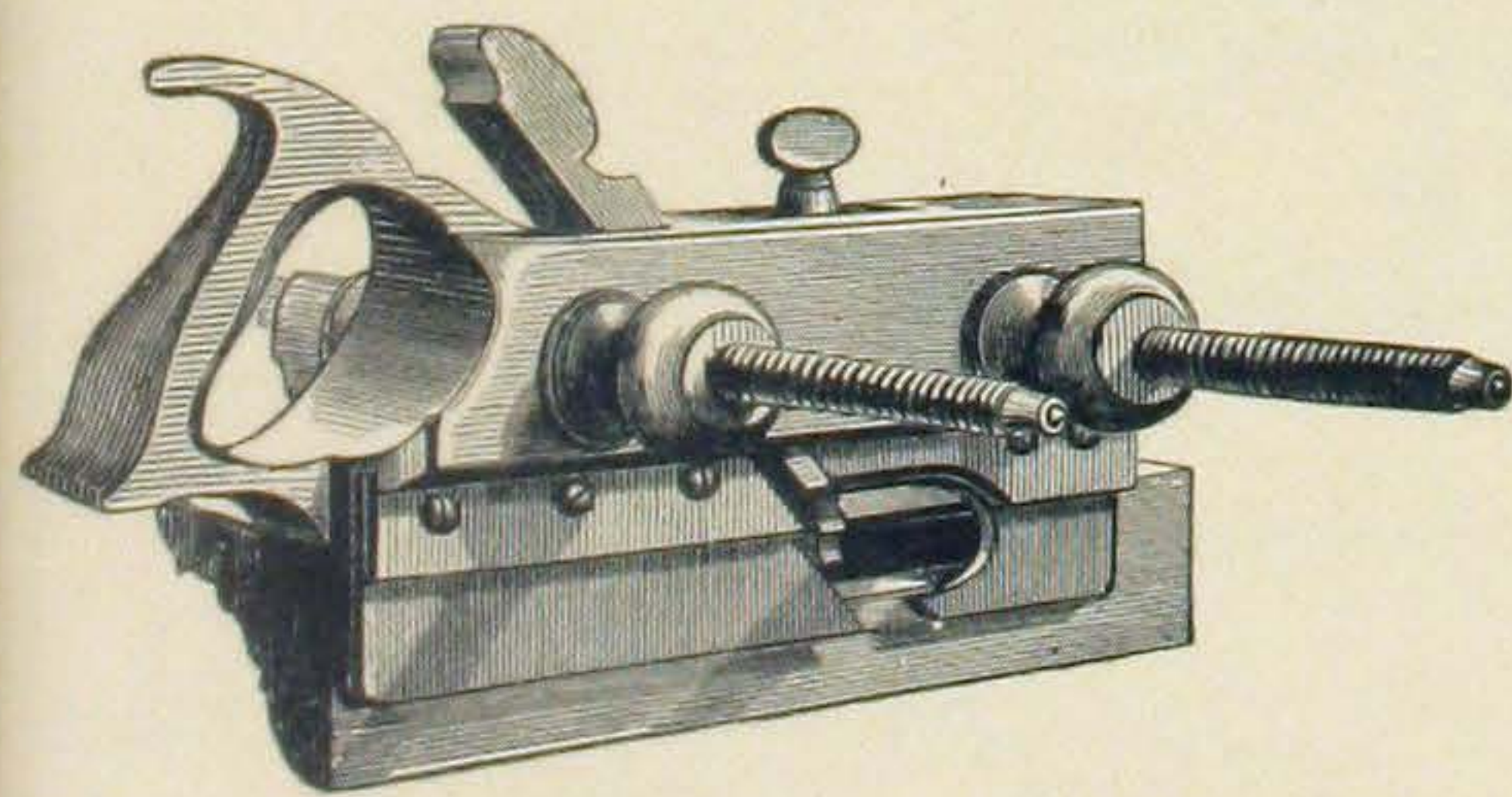
ONE PAIR, No. 73.—IMPROVED HANDLES.

No. 73.	Board, with solid handles,	1 to 1¼ inch, per pair,	\$2 00
74.	" " " " iron faced,	1½ " 1¼ " "	2 25
75.	Plank, " Jack " "	1¼ " 1½ " "	2 00
76.	" plated, " "	1¼ " 1½ " "	2 25
77.	" moving fence, iron faced,		2 75
78.	" wedge arms,		3 50
79.	" " " " "		3 75
80.	" with screw arms, to work groove,		3 50
81.	" " " " " plated,		3 75

TOY PLANES.

No. 82.	Toy Smooth, single iron,	1¾,	\$0 55
83.	" " double " "	1¾,	75
84.	" Jack, single " "	1¾,	65
85.	" " double " "	1¾,	85
86.	Plane for smoothing doors, handle, double iron, 2½ inch,		1 50

PANEL PLOWS.

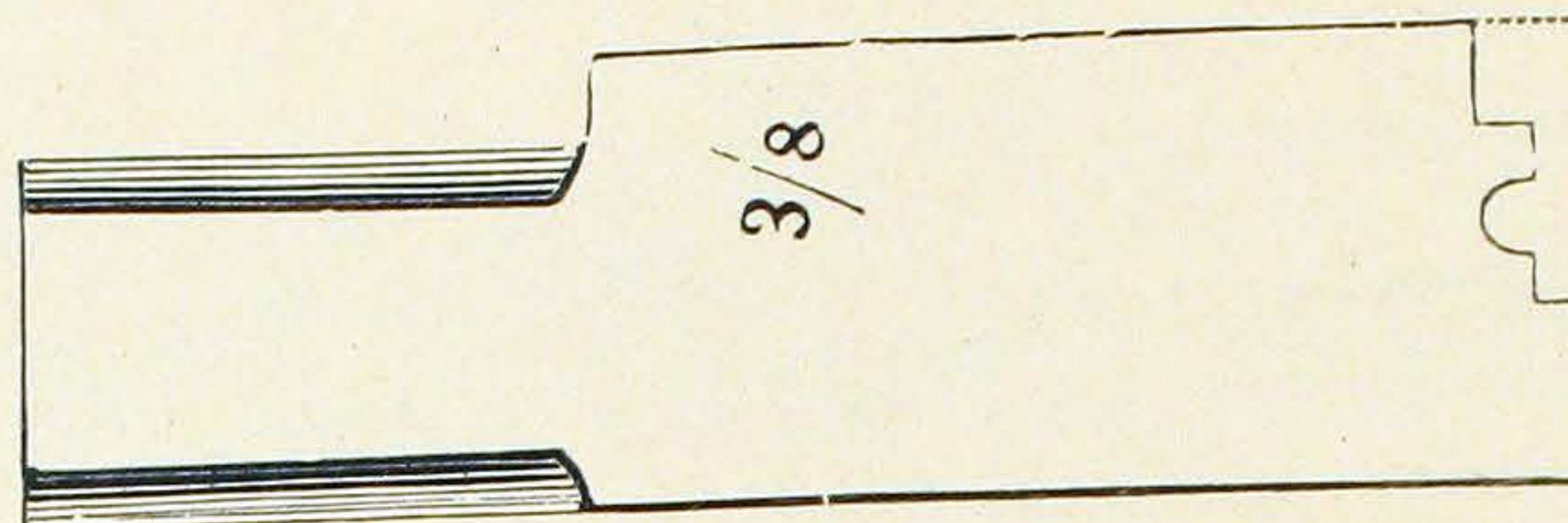


IMPROVED HANDLE.

No. 87.	4 Iron, wood-stop, with applewood screw arms,	\$3 00
88.	8 " " " " "	4 00
89.	8 " screw-stop, " " "	4 50
89½.	8 " " " " " fence boxed,	4 85
90.	8 " " handled, " " "	5 50
90½.	8 " " " fence boxed,	5 85
91.	8 " " boxwood arms and mounted plate,	5 25
92.	8 " " " handled,	6 75
93.	8 " " " fence boxed,	5 60
94.	8 " " " handled,	7 00
95.	8 " box or rosewood,	7 00
96.	8 " " handled,	9 00
97.	8 " " ivory tipped,	8 00

No. 98.	8 Iron, box or rosewood, ivory tipped, handled,	10 00
99.	8 " ebony,	12 00
100.	8 " " handled,	20 00
101.	8 " box or rosewood, handled, silver-plated trimmings, ivory nuts and tipped,	20 00

ASTRAGAL.



No. 102.

No. 102,	{ Astragals,	. . . . .	$\frac{3}{8}$ to $\frac{3}{4}$ inch, price, each, \$	50
			$\frac{7}{8}$ to $1\frac{1}{2}$ " " " "	60

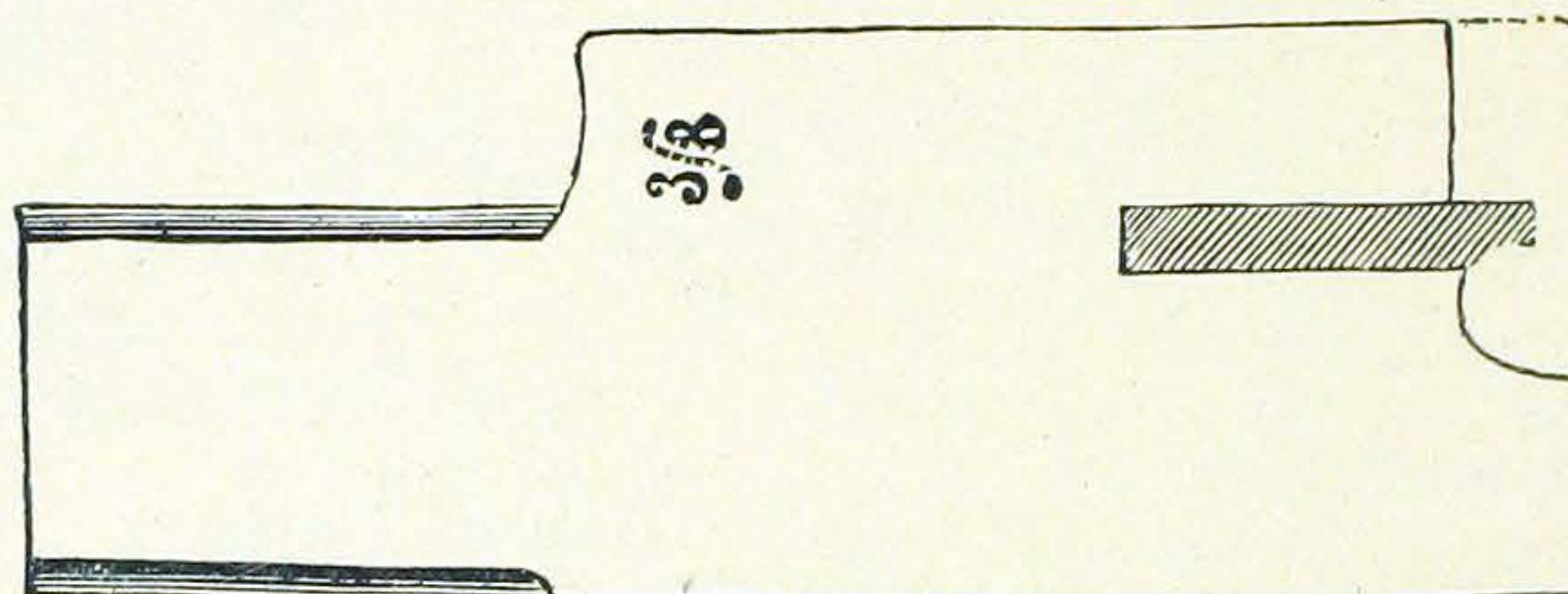
ANTÆ CAP.

No. 103	. . . . .	$\frac{7}{8}$ inch, \$1.13
" 103	. . . . .	1 " 1.25
" 103	. . . . .	$1\frac{1}{8}$ " 1.38

ANTÆ BASE.

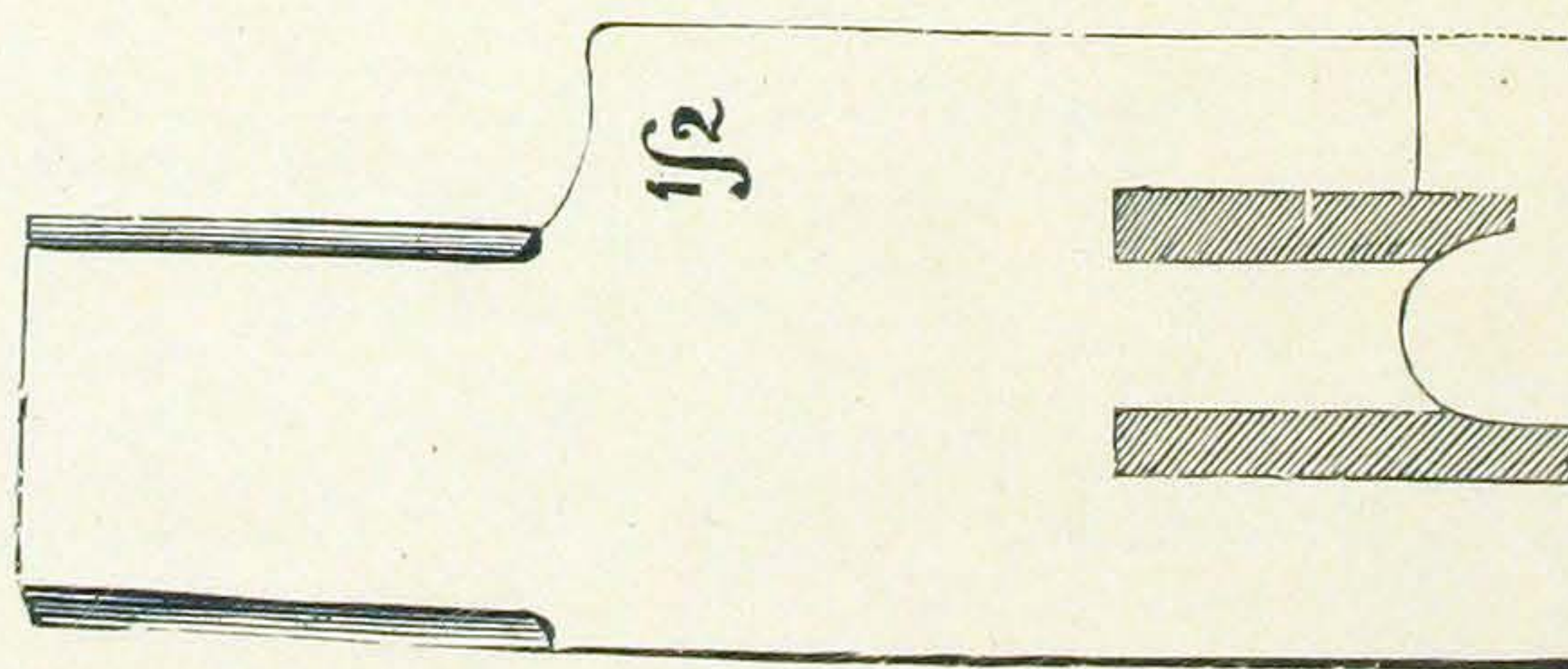
No. 104	. . . . .	$\frac{7}{8}$ inch, \$2.00
" 104	. . . . .	1 " 2.25
" 104	. . . . .	$1\frac{1}{8}$ " 2.50

BEADS.



No. 105.

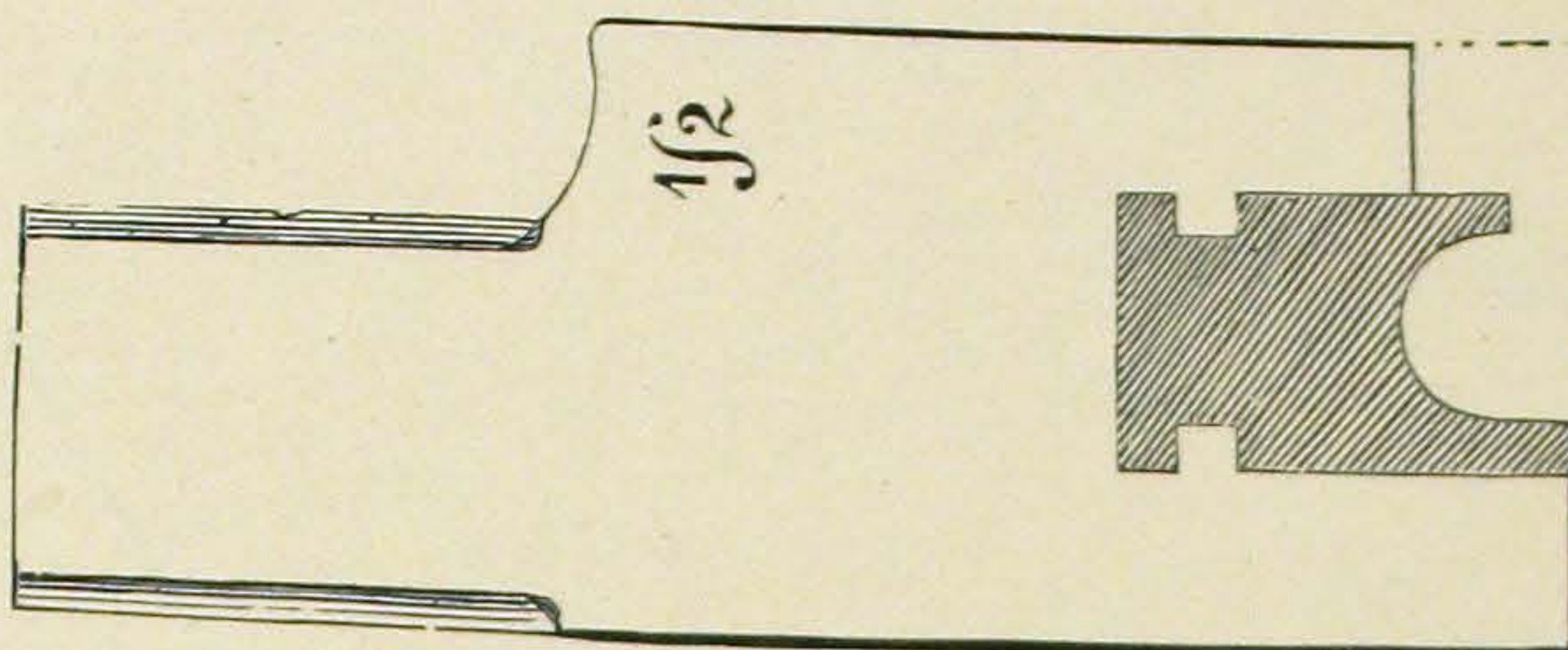
No. 105,	{ Beads, single, boxed,	. . . . .	$\frac{1}{8}$ to $\frac{1}{2}$ inch, price, each, \$0.50	
			$\frac{5}{8}$ to $\frac{3}{4}$ " " " "	.55
			$\frac{7}{8}$ to 1 " " " "	.70
			$1\frac{1}{8}$ to $1\frac{1}{4}$ " " " "	.90
			$1\frac{3}{8}$ to $1\frac{1}{2}$ " " " "	1.00



No. 106.

No. 106,	{ Beads, double, boxed,	. . . . .	$\frac{1}{4}$ to $\frac{1}{2}$ inch, price, each, \$0.60	
			$\frac{5}{8}$ to $\frac{3}{4}$ " " " "	.65
			$\frac{7}{8}$ to 1 " " " "	.80
			$1\frac{1}{8}$ to $1\frac{1}{4}$ " " " "	1.00
			$1\frac{3}{8}$ to $1\frac{1}{2}$ " " " "	1.10

BEADS.

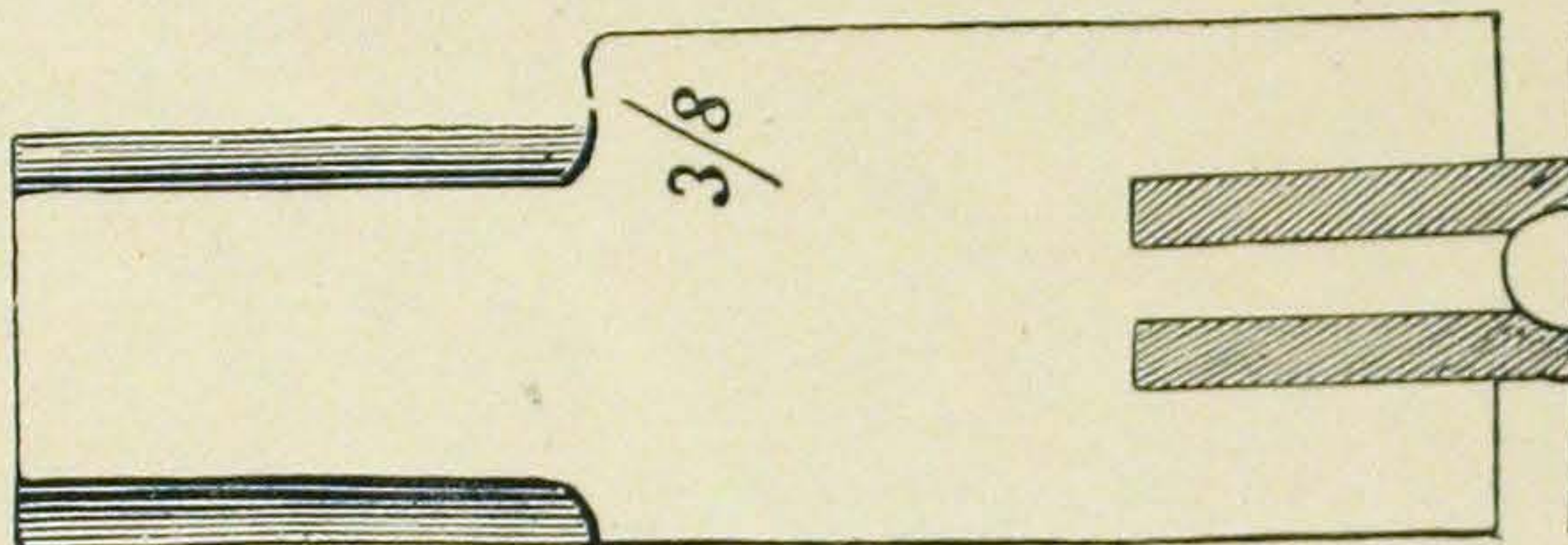


No. 107.

No. 107,	Beads, solid, boxed, dovetailed.	$\frac{1}{8}$ to $\frac{5}{8}$ inch,	price, each, \$0.70
" 107,	" " " " " "	$\frac{3}{8}$ to $\frac{1}{2}$ " "	.80
" 107,	" " " " " "	$\frac{5}{8}$ to $\frac{3}{4}$ " "	.90
" 107,	" " " " " "	$\frac{7}{8}$ to 1 " "	1.00

For Double or Twin Beads, right and left, add 10 cents extra.

CENTER BEAD, No. 108.

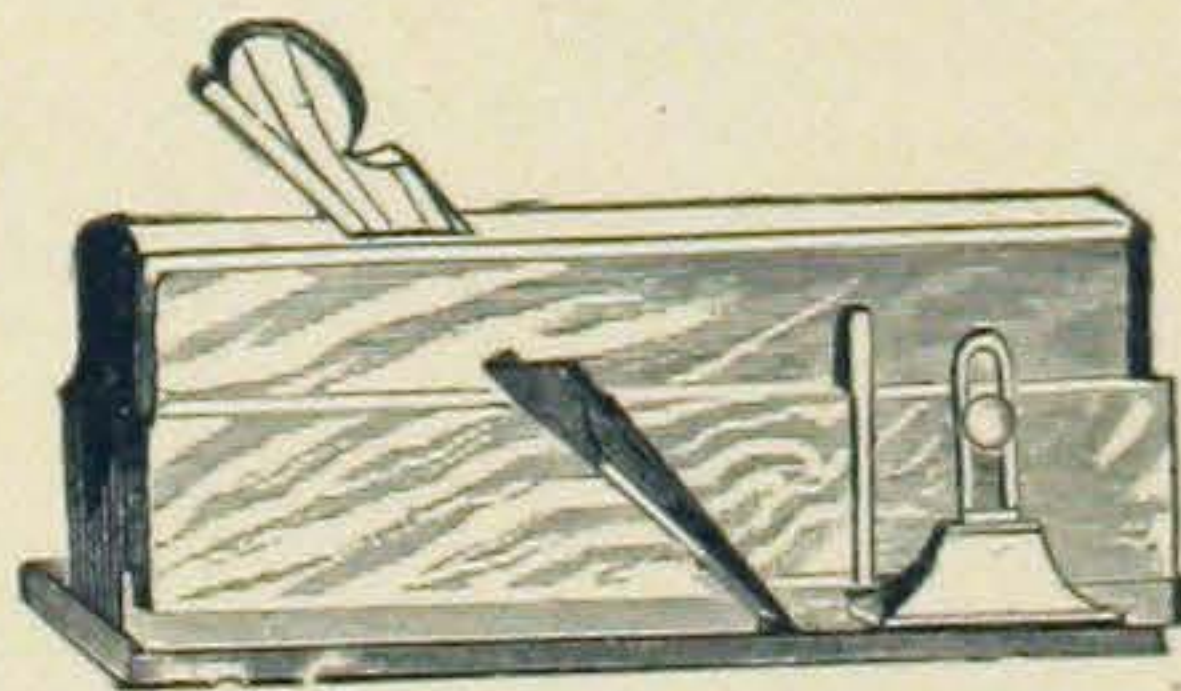


No. 108,	Center Beads, double boxed,	$\frac{1}{8}$ to $\frac{1}{2}$ inch,	\$0.60
" 108,	" " " " " "	$\frac{5}{8}$ to $\frac{3}{4}$ " "	.65
" 108,	" " " " " "	$\frac{7}{8}$ to 1 " "	.80
" 108,	" " " " " "	$\frac{1}{8}$ to $\frac{3}{4}$ " "	.75
" 108,	" " " " " "	$\frac{1}{8}$ to $\frac{3}{8}$ " "	.90
" 109,	Cabinet Ogees,	2 " "	1.50
" 109,	" " " " " "	$2\frac{1}{2}$ " "	2.00
" 109,	" " " " " "	3 " "	2.50
" 109,	" " " " " "	$3\frac{1}{2}$ " "	3.00
" 109,	" " " " " "	4 " "	3.50

BLIND PLANES.

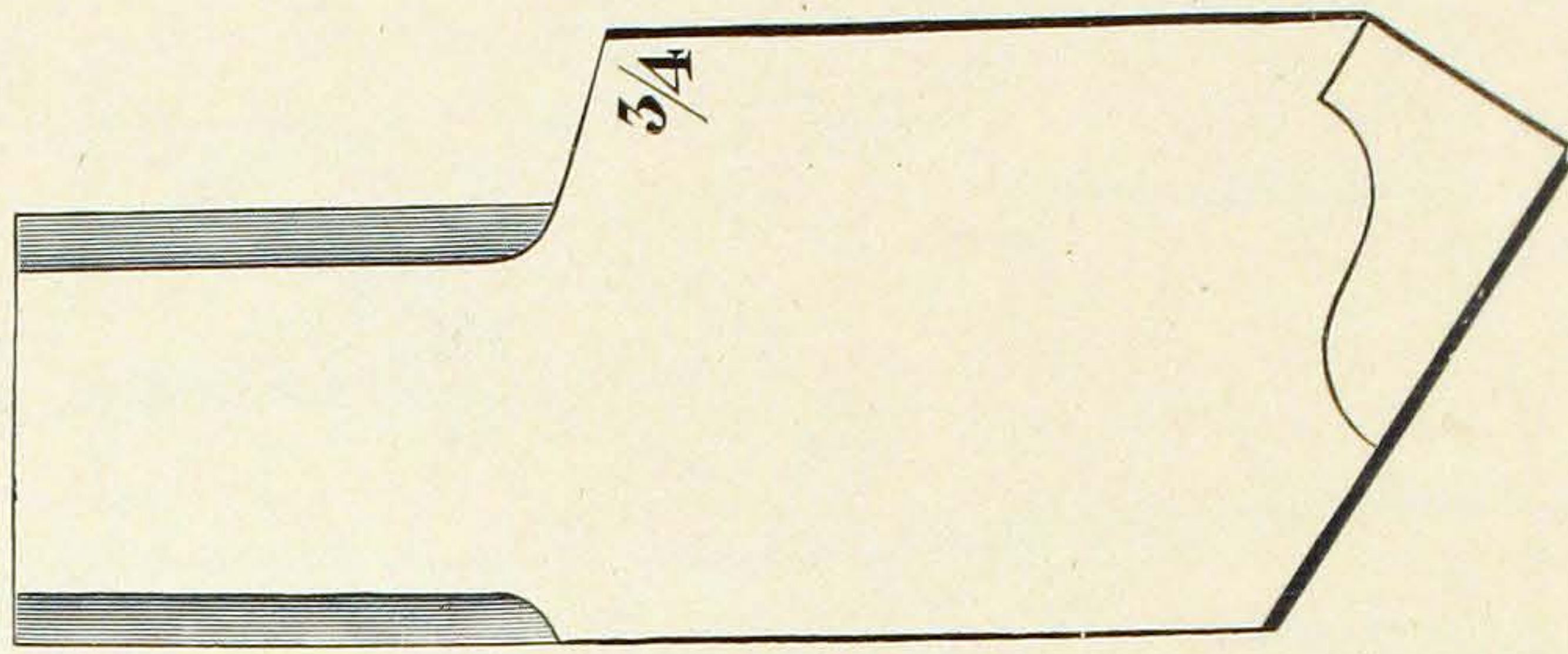
No. 110,	Blind Plane, Ogee for Stiles,	\$0.75	No. 113,	Torus Bead,	$\frac{7}{8}$ to 1 inch,	\$0.72
" 111,	" " " " " "	1.00	" 114,	Door Ogee, single,	$\frac{1}{2}$ to $\frac{5}{8}$ " "	0.88
" 112,	" " " " " "	1.25	" 115,	" " " " " "		1.60
" 113,	Torus Bead,	$\frac{1}{4}$ to $\frac{1}{2}$ inch,	0.60	" 116,	Door Bevel, Screw Arms,	1.50
" 113,	" " " " " "	$\frac{5}{8}$ to $\frac{3}{4}$ " "	0.65			

FILLETER.



No. 117,	Without Stop,	$1\frac{1}{2}$ inch,	\$1.10
" 118,	With Stop,	" "	1.25
" 119,	" " and Cut,	" "	1.40
" 119 $\frac{1}{2}$,	" " " " " "	" "	1.55
" 120,	" " " " " "	" "	1.85
" 121,	Screw Stop,	" "	2.50
" 121 $\frac{1}{2}$,	" " " " " "	" "	3.00
" 122,	" " " " " "	" "	3.75
" 123,	" " " " " "	" "	4.00
" 124,	" " " " " "	" "	4.50

Roman Reverse Ogee.

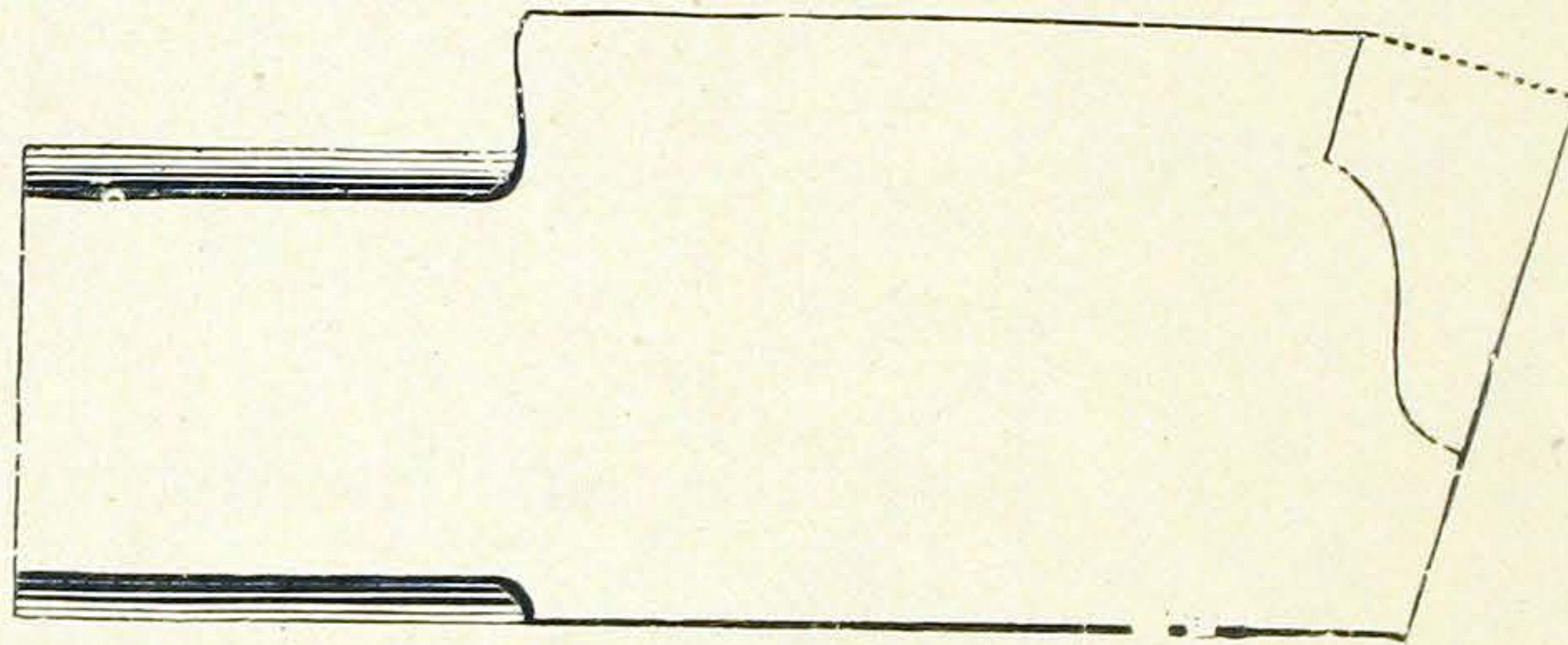


No. 126.

No. 126,	Roman Reverse Ogees,			$\frac{3}{8}$ to $\frac{5}{8}$ inch,	price, each,	\$0 75
	"	"	"	$\frac{3}{4}$ to 1	"	85
	"	"	"	$1\frac{1}{8}$ to $1\frac{1}{4}$	"	1 00
	"	"	"	$1\frac{1}{2}$ to $1\frac{3}{4}$	"	1 15
No. 126 $\frac{1}{2}$	" with Fence,			$\frac{3}{8}$ to $\frac{5}{8}$	"	80
	"	"	"	$\frac{3}{4}$ to 1	"	90
	"	"	"	$1\frac{1}{4}$	"	1 05
	"	"	"	$1\frac{1}{2}$ to $1\frac{3}{4}$	"	1 15

The sizes of Moulding Planes from Nos. 127 to 154, inclusive, are the widths of the same.

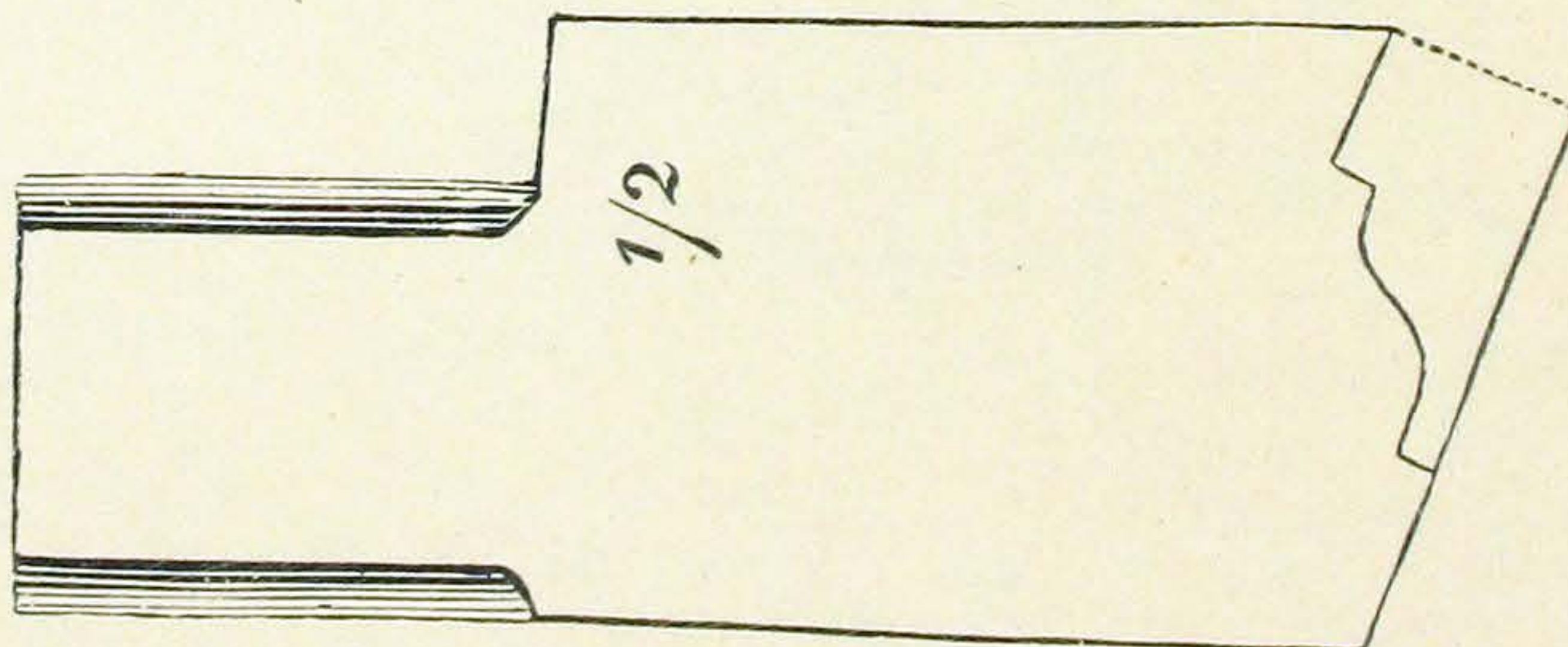
Reverse Ogee.



No. 127.

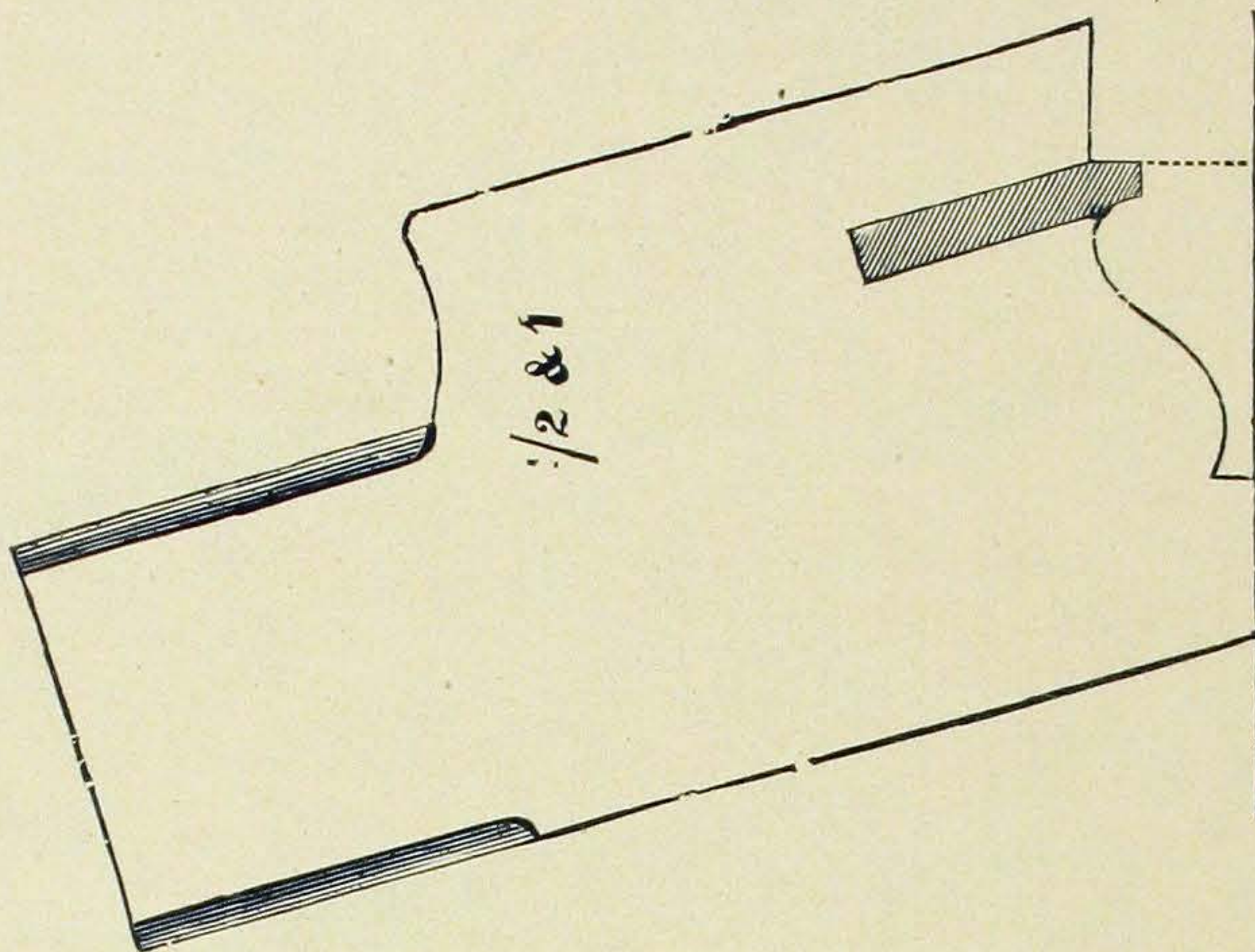
No. 127,	Reverse Ogees,			$\frac{3}{8}$ to 1	inch, price, each,	\$0 75
	"	"	"	$1\frac{1}{4}$ to $1\frac{1}{2}$	"	85
	"	"	"	$1\frac{3}{4}$ to 2	"	1 00
	"	"	"	$2\frac{1}{4}$ to $2\frac{1}{2}$	"	1 15
	" with handle, add					50

Ogees.



No. 128,	Ogees,			$\frac{3}{8}$ to 1	inch, price, each,	\$0 65
	"	"	"	$1\frac{1}{4}$ to $1\frac{1}{2}$	"	85
	"	"	"	$1\frac{3}{4}$ to 2	"	1 00

GRECIAN OGEE.

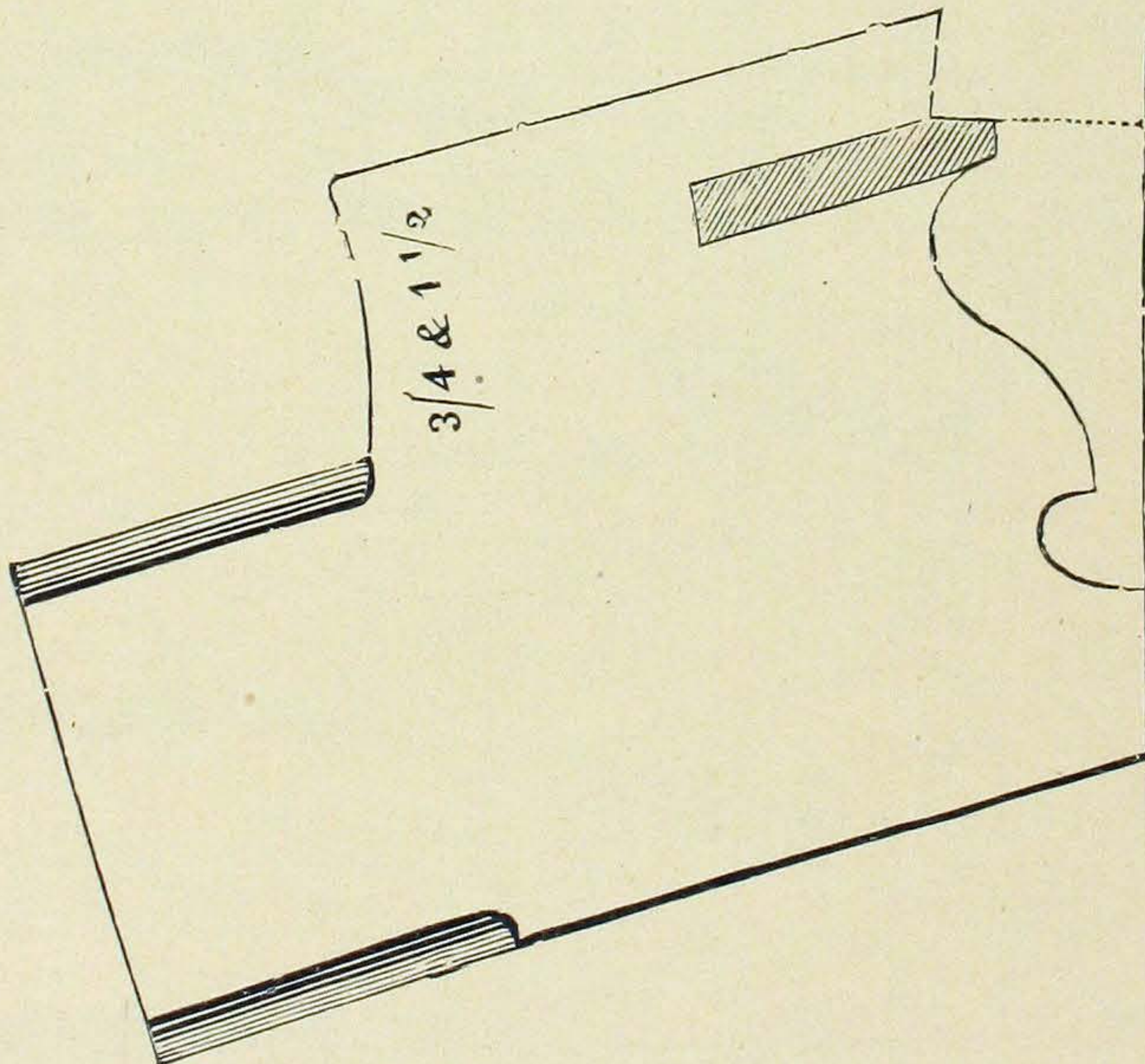


No. 140.

No. 140, { Grecian Ogees,
" " " "

$\frac{3}{8}$ to 1 inch, price, each, \$0 75
 $1\frac{1}{4}$ to 2 " " " 90

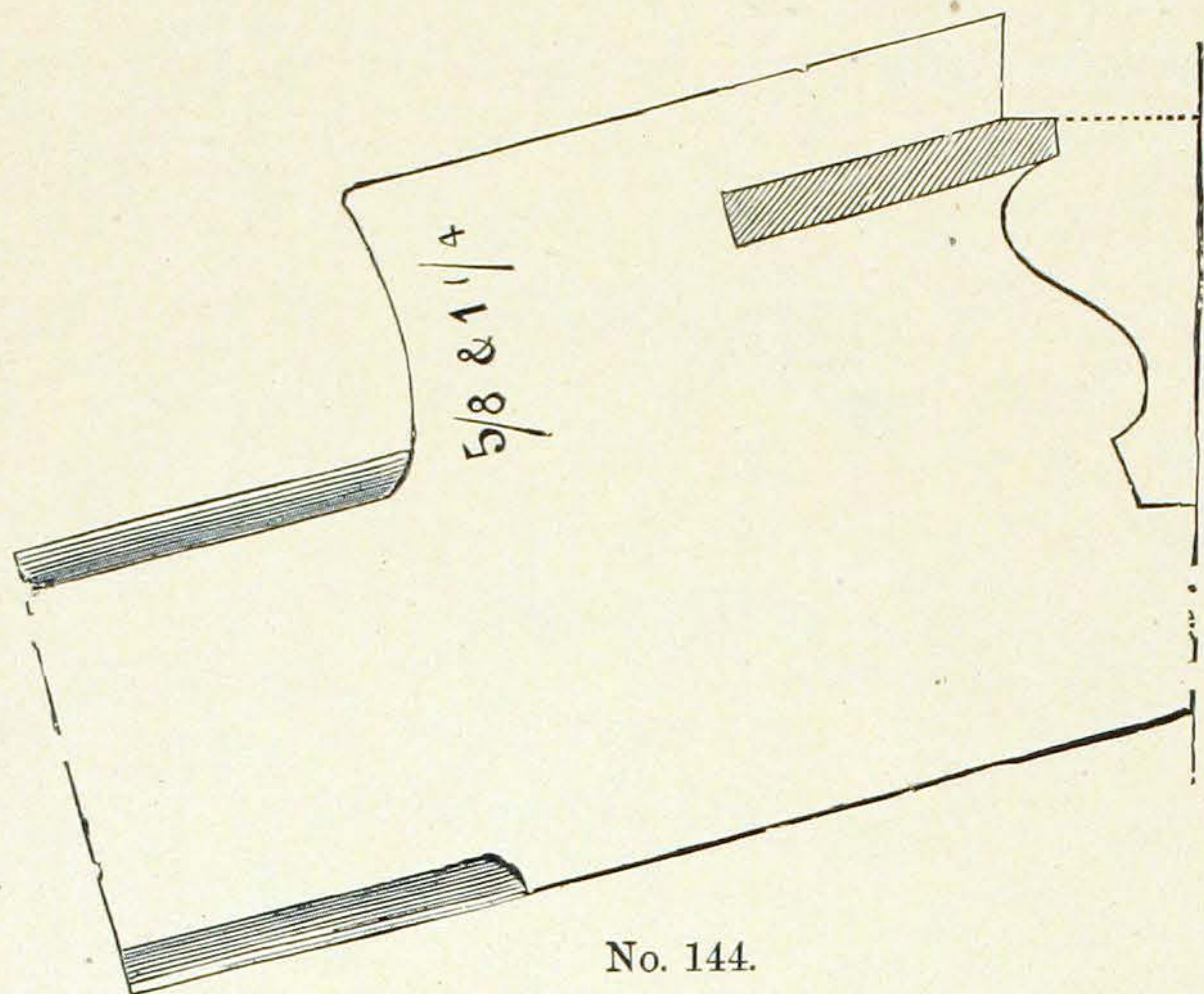
GRECIAN OGEE AND BEAD.



No. 142.

No. 142, { Grecian Ogee and Bead,
" " " " " "

$\frac{3}{4}$ to 1 inch, price, each, \$0 90
 $1\frac{1}{4}$ to 2 " " " 1 00



No. 144.

Grecian Ogee and Bevel.

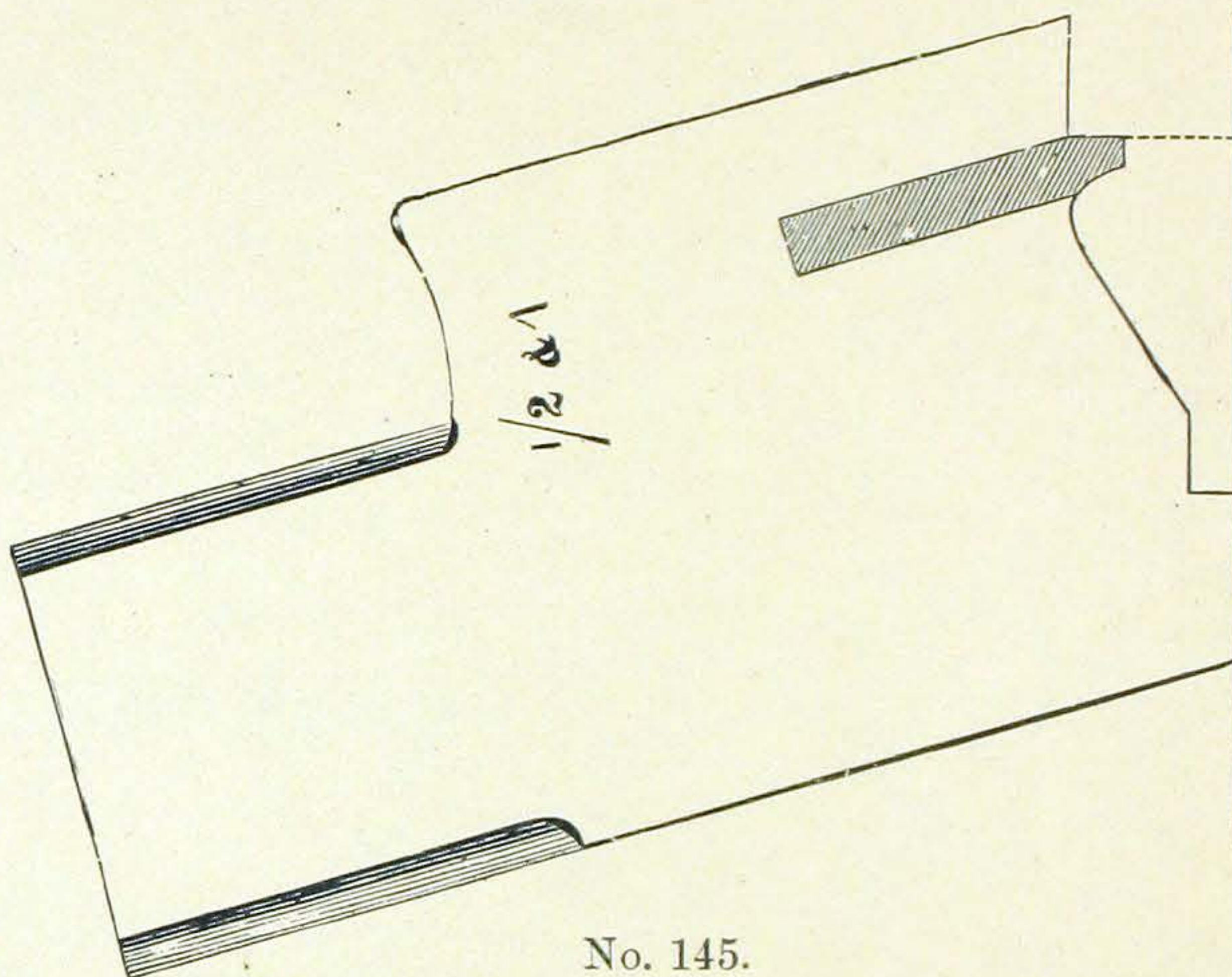
No. 144.

					Price, each.
Grecian Ogees, with Bevel or Fillet,	$\frac{3}{8}$ to 1 in.				\$0 90
"	"	"	"	" $1\frac{1}{4}$ " 2 "	1 00

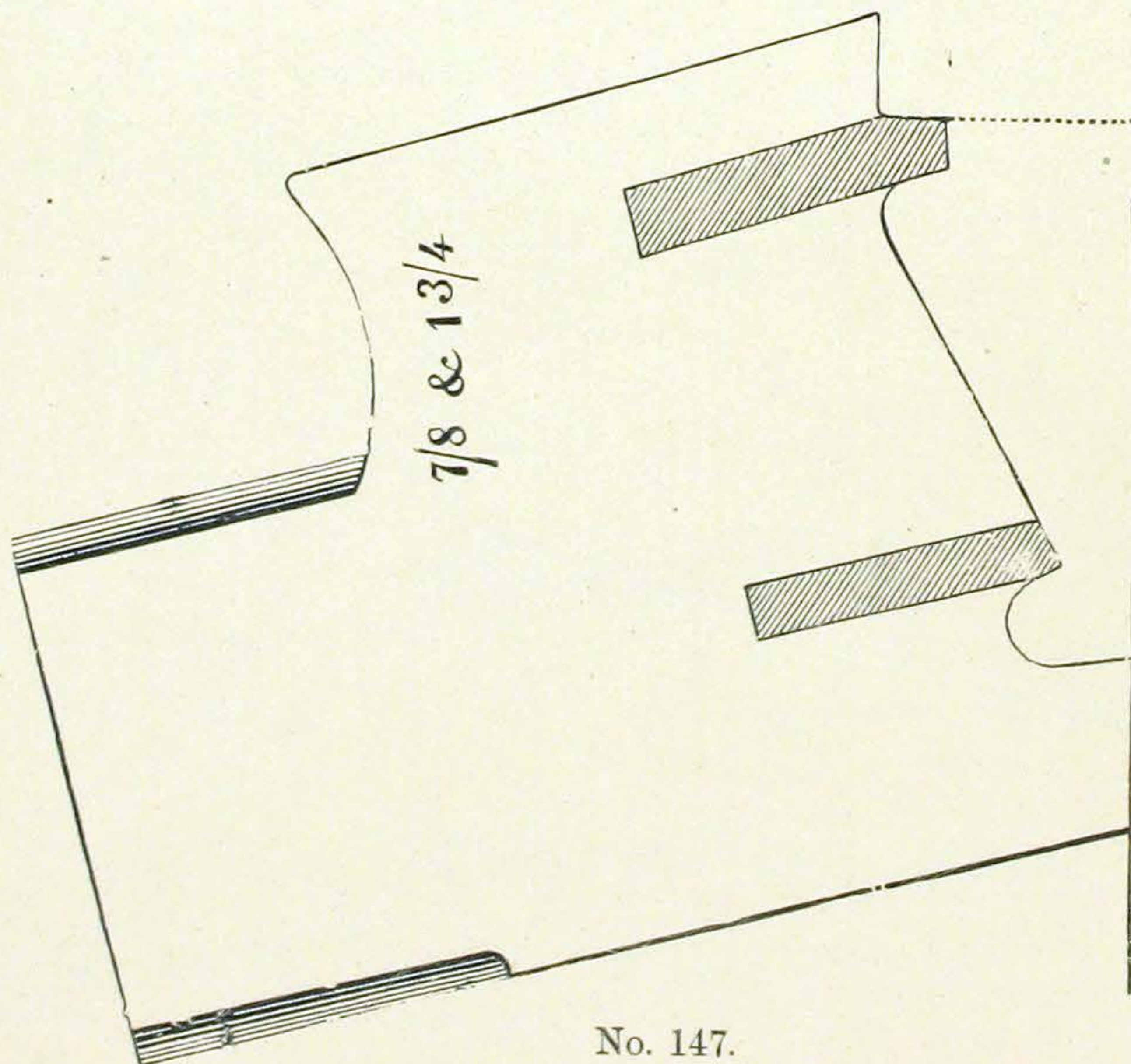
Grecian Ovolo.

No. 145.

		Price, each.
Grecian Ovolos,	$\frac{3}{4}$ to 1 inch,	\$0 75
"	" $1\frac{1}{4}$ " 2 "	90



No. 145.



No. 147.

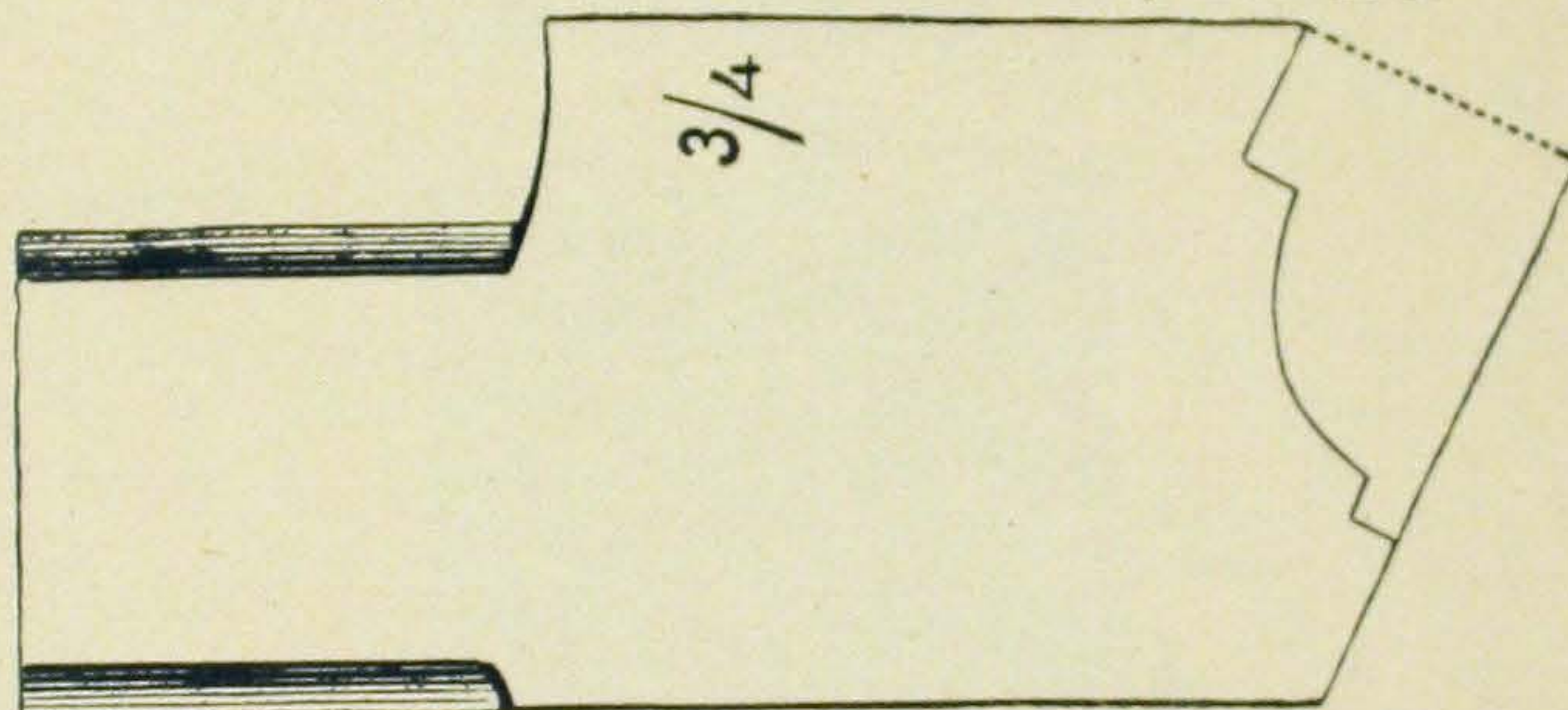
Grecian Ovolo and Bead.

No. 147.

		Price, each.
Grecian Ovolo and Bead,	$\frac{3}{4}$ to 1 inch,	\$0 90
"	" $1\frac{1}{4}$ " 2 "	1 00

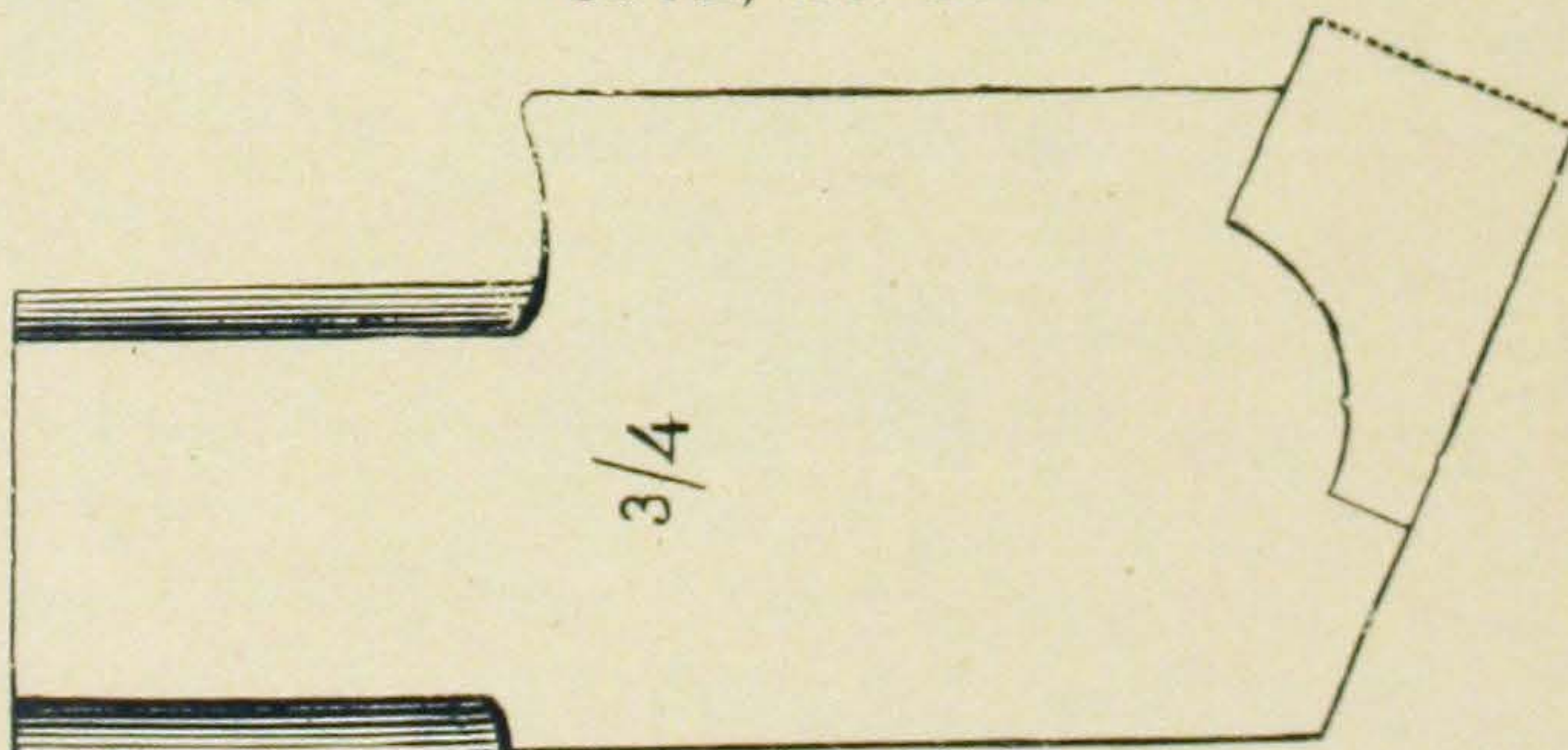
A hand-drawn sketch of a rectangular object, possibly a book cover or a piece of paper, with a curved top edge. In the center, there is a label with the text "5/8 2 1/4" written vertically. On the right side, there are two shaded rectangular areas, one above the other, which appear to be tabs or labels. The drawing is done in black ink on a light-colored background.

SCOTIA, OR QUARTER ROUND, No. 155.



QUARTER ROUND, WITH FENCE OR CASING MOULDING.

COVE, No. 156.



COVE AND BEAD.

		COVE AND BEAD.		
No. 157, {	Cove and Bead,		$\frac{3}{8}$ to $\frac{5}{8}$ inch,	price, each, \$0 50
	" "		$\frac{3}{4}$ to $1\frac{1}{4}$ " "	65

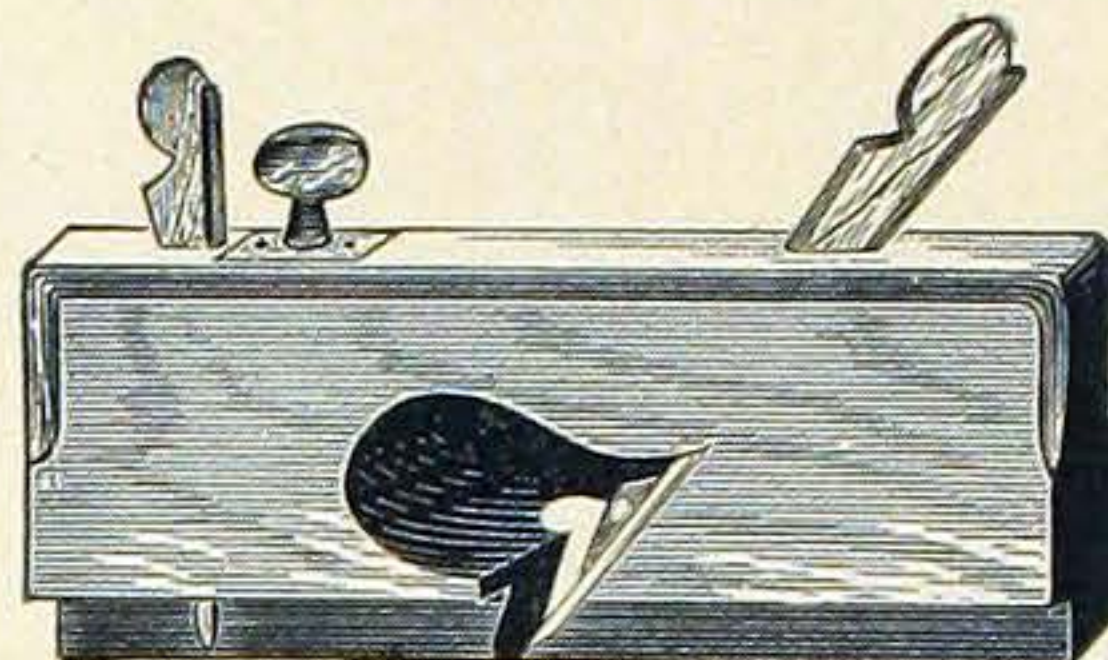
OVOLO SASH.

No. 165, Sash Planes, with one iron, bevel or ovolo,	price, each, \$0.60
165, " " with two irons, " " "	" " 1.00
165, " " screw arms, self-regulating, bevel or ovolo,	" " 1.75
168, " " " " gothic or ogee,	" " 1.75
166, " " " " boxed, bevel or ovolo,	" " 2.00
169, " " " " boxed, gothic or ogee,	" " 2.00
165, " " " " dovetailed, boxed, bevel or ovolo,	" " 2.25
167, " " " " " " gothic or ogee,	" " 2.25

COPING PLANE, No. 174.

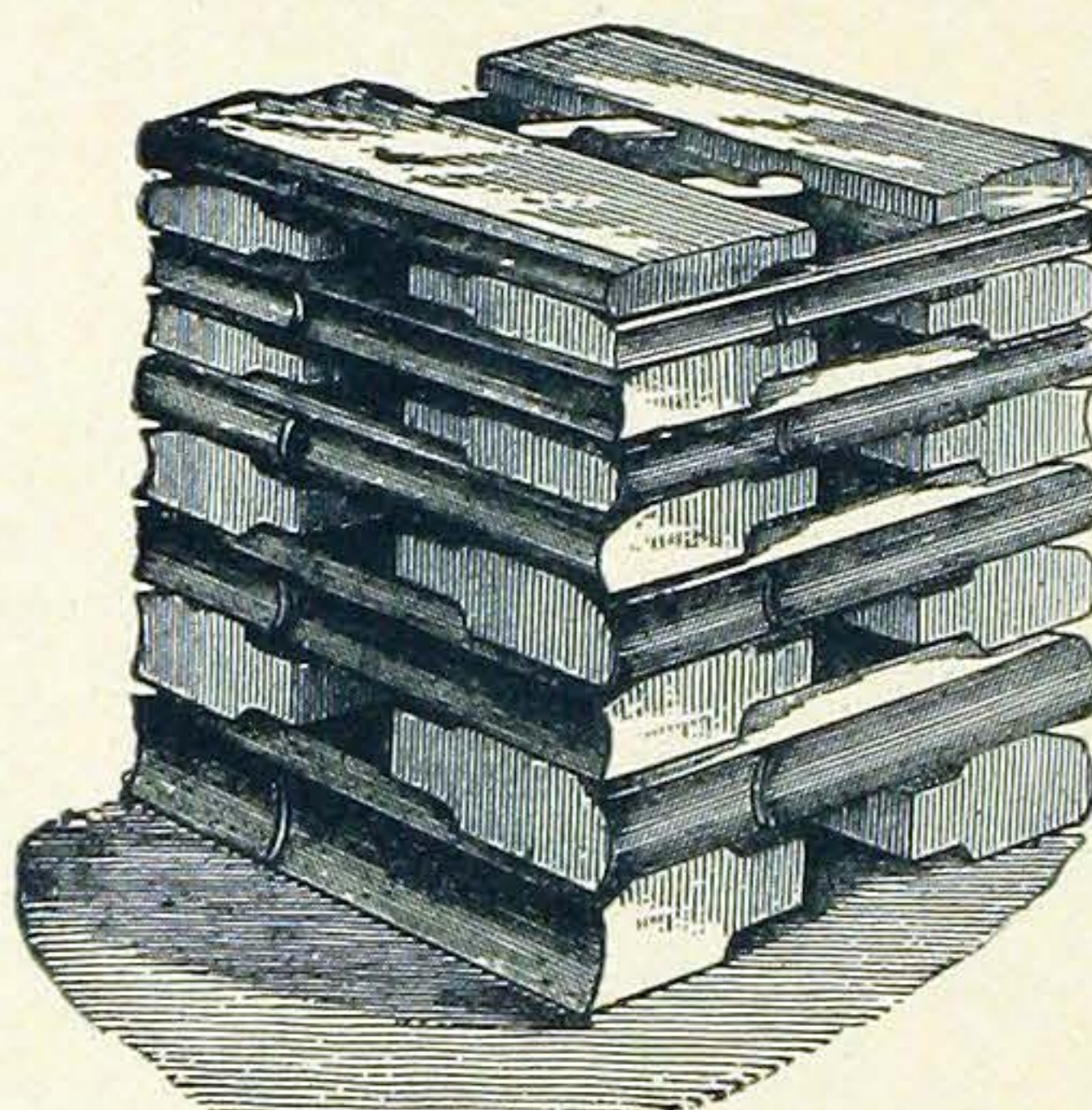
No. 174, Coping Planes, double, for sash planes,	price, each, \$0.75
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DADO.



No. 176, Dados, iron side stop,	$\frac{1}{8}$ to 1 inch, \$1.00
177, " screw stop,	$\frac{1}{8}$ to 1 inch, 1.50
178, Fluting Planes,	$\frac{1}{8}$ to $1\frac{1}{2}$ " .65
179, " "	per pair, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 " 1.30

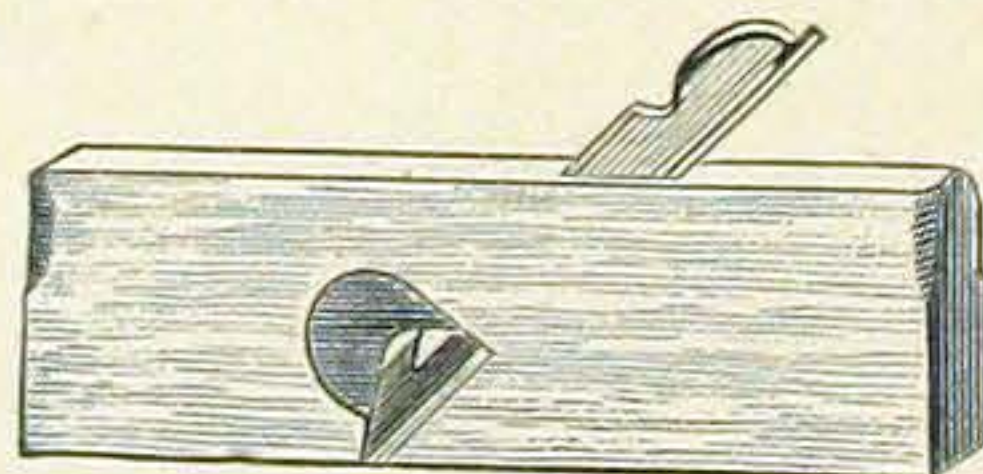
HOLLOWS AND ROUNDS.



No. 180 ONE SET.

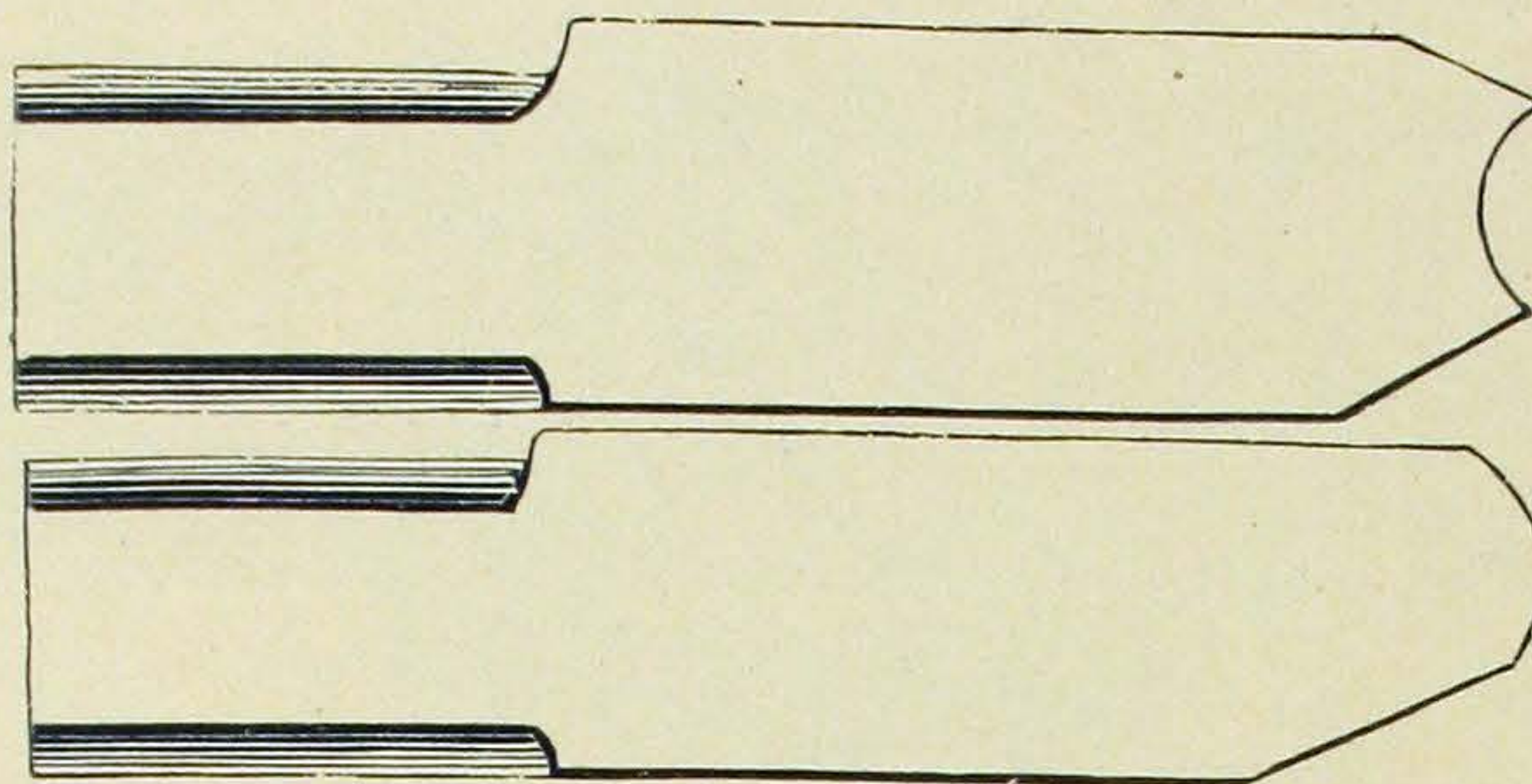
No. 180 Per set of 9 pairs, from 2 to 18,	\$ 7.20
180 " 10 " " 2 to 20,	8.30
180 " 12 " " 2 to 24,	10.50
180 Per pair, 1 to 12,	.75
180 " 13 to 18,	.90
180 " 19 to 24,	1.10

RABBIT PLANES.



No. 181 $\frac{1}{2}$ to 1 inch,	\$.60
181 $1\frac{1}{8}$ to $1\frac{1}{4}$ "	.65
181 $1\frac{1}{8}$ to $1\frac{1}{2}$ "	.70
181 $1\frac{5}{8}$ to $1\frac{3}{4}$ "	.80
181 $1\frac{7}{8}$ to 2 "	.90
181 $2\frac{1}{4}$ "	1.00
181 With Cut and Boxed, extra,	.45
Square Rabbit same price as Skew.	
182 Reeding Planes, $\frac{1}{8}$ to $\frac{3}{4}$ inch,	1.00
183 Side Rabbits, per pair,	1.25
184 Snipe Bills,	1.25

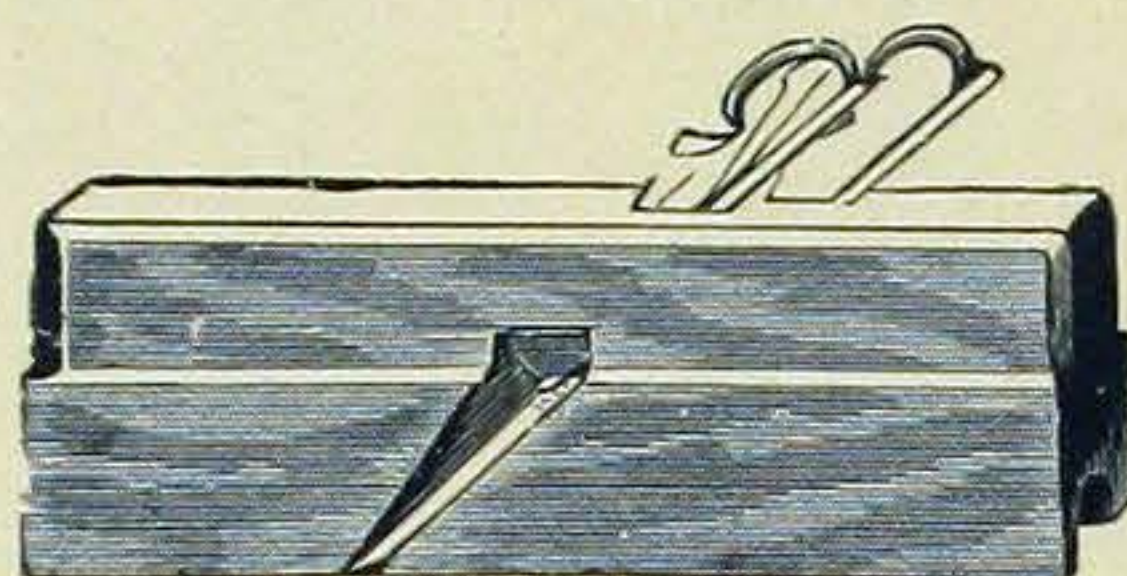
TABLE PLANES.



ONE PAIR, No. 185.

185.	Table Planes with gauge,	$\frac{1}{2}$ to $\frac{5}{8}$ inch, per pair,	\$1 10
186.	" " " " boxed,	$\frac{1}{2}$ " " "	1 65
187.	" " " " fence,	$\frac{1}{2}$ " " "	1 40
188.	" " " " " "	$\frac{1}{2}$ " " "	2 00

NOSINGS.



No. 189.

189.	Nosing for steps, two Irons,	$\frac{3}{4}$ to $1\frac{1}{4}$ inch,	\$1 10
189.	" " " " "	$1\frac{3}{8}$ " $1\frac{1}{2}$ " "	1 20
189.	" " " " "	$1\frac{3}{4}$ " $2\frac{1}{2}$ " "	1 50
189.	" " " " handled,	$1\frac{3}{4}$ " $1\frac{1}{4}$ " "	1 50
189.	" " " " " "	$1\frac{3}{4}$ " $1\frac{1}{2}$ " "	1 75
189.	" " one " "	$1\frac{3}{4}$ " $1\frac{1}{4}$ " "	80
189.	" " " " "	$1\frac{3}{8}$ " $1\frac{1}{2}$ " "	1 00
189.	" " " " handled,	1 " $1\frac{1}{4}$ " "	1 25
190.	Tooth Plane,		1 00
191.	Wash-board Plane,		90
192.	Single Circular or Compass Plane,		1 00
193.	Double " " "		1 25
194.	Smooth, Double, Iron, Applewood, solid handle,		2 00
195.	Rosewood Miter, $1\frac{3}{4}$ iron, oval,		1 00
196.	Gutter Plane,		1 15
197.	Spar Plane,		1 00
198.	Pump Plane,	$1\frac{1}{4}$ to $1\frac{1}{2}$ inch,	1 50
199.	Box Plane, single iron,		1 50
200.	" " double " "		1 75
201.	Ship Smooth Plane, double,	$1\frac{1}{2}$ inch,	1 00
202.	" Jack " " "	$1\frac{3}{8}$ " "	1 20
203.	" Fore " " "	2 " "	1 60
204.	" Jointer " " "	$2\frac{1}{4}$ " "	1 75
205.	Corner Moulding,	$\frac{1}{2}$ to $\frac{5}{8}$ " "	50

Bench Planes without Irons.

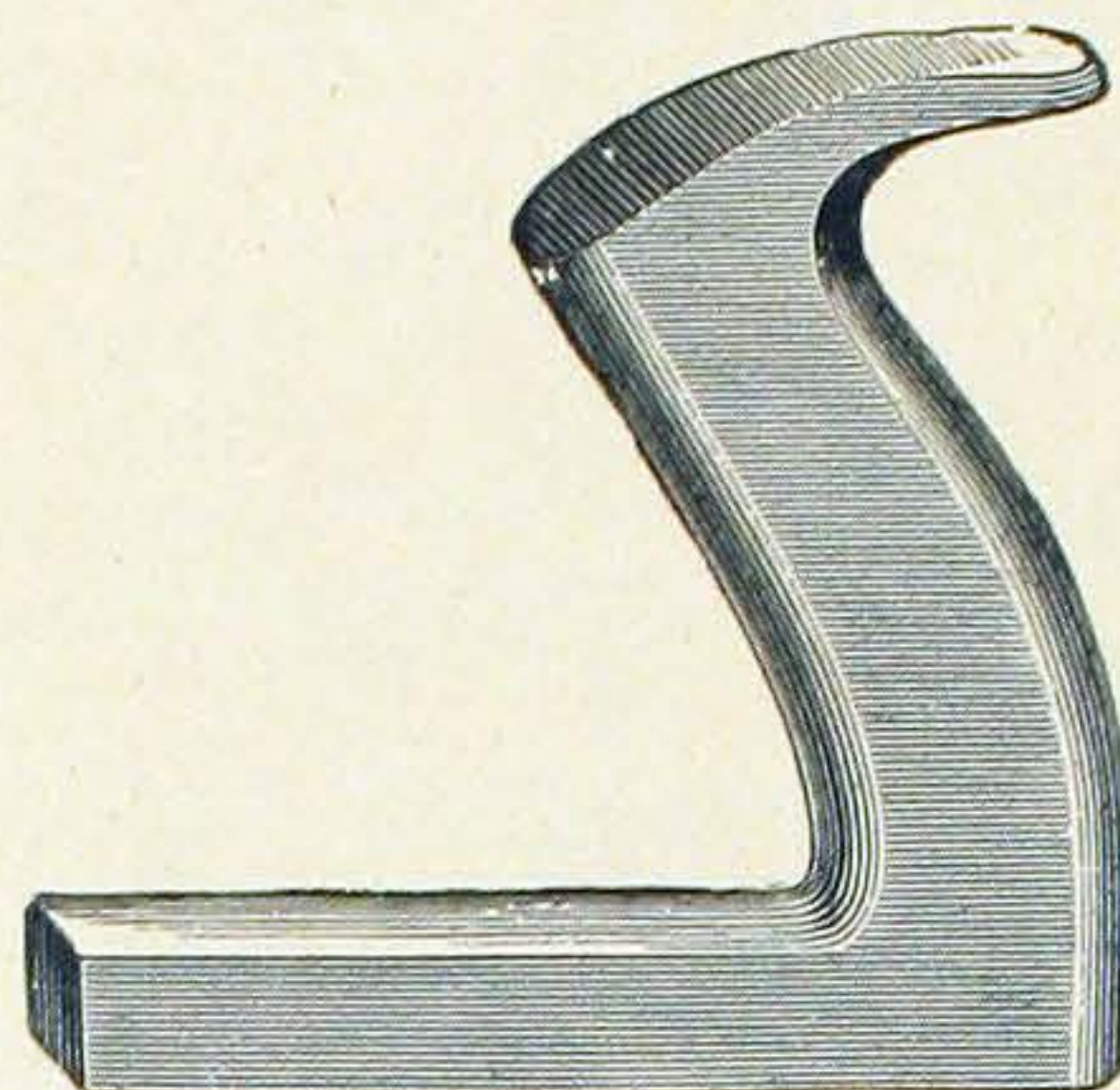
275.	Smooth, Single or Double,	\$0 55
276.	Jack, " "	65
277.	Fore, " "	95
278.	Jointer, " "	1 05

Razee or Ship Planes.

Selected White Beech, Applewood Wedges, with Moulsons Irons.

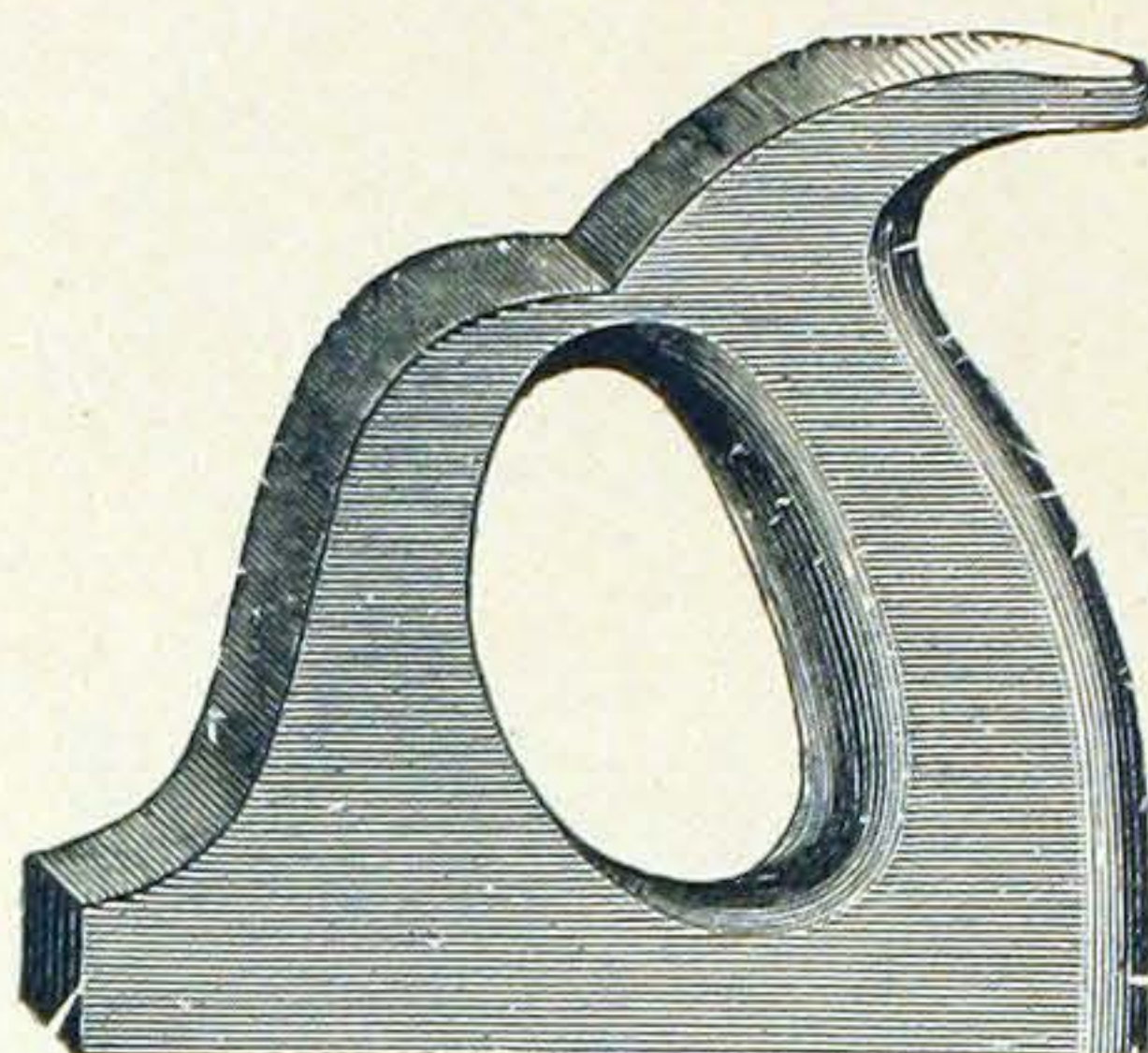
285.	Double Iron Jack Plane, $2\frac{1}{8}$ Iron,	\$1 45
286.	" " Fore " $2\frac{3}{8}$ " "	1 85
287.	" " Jointer " 26 inch $2\frac{1}{2}$ Iron,	2 00
288.	" " " " 28 " $2\frac{1}{2}$ " "	2 10

PLANE HANDLES.



Jack Plane Handles,

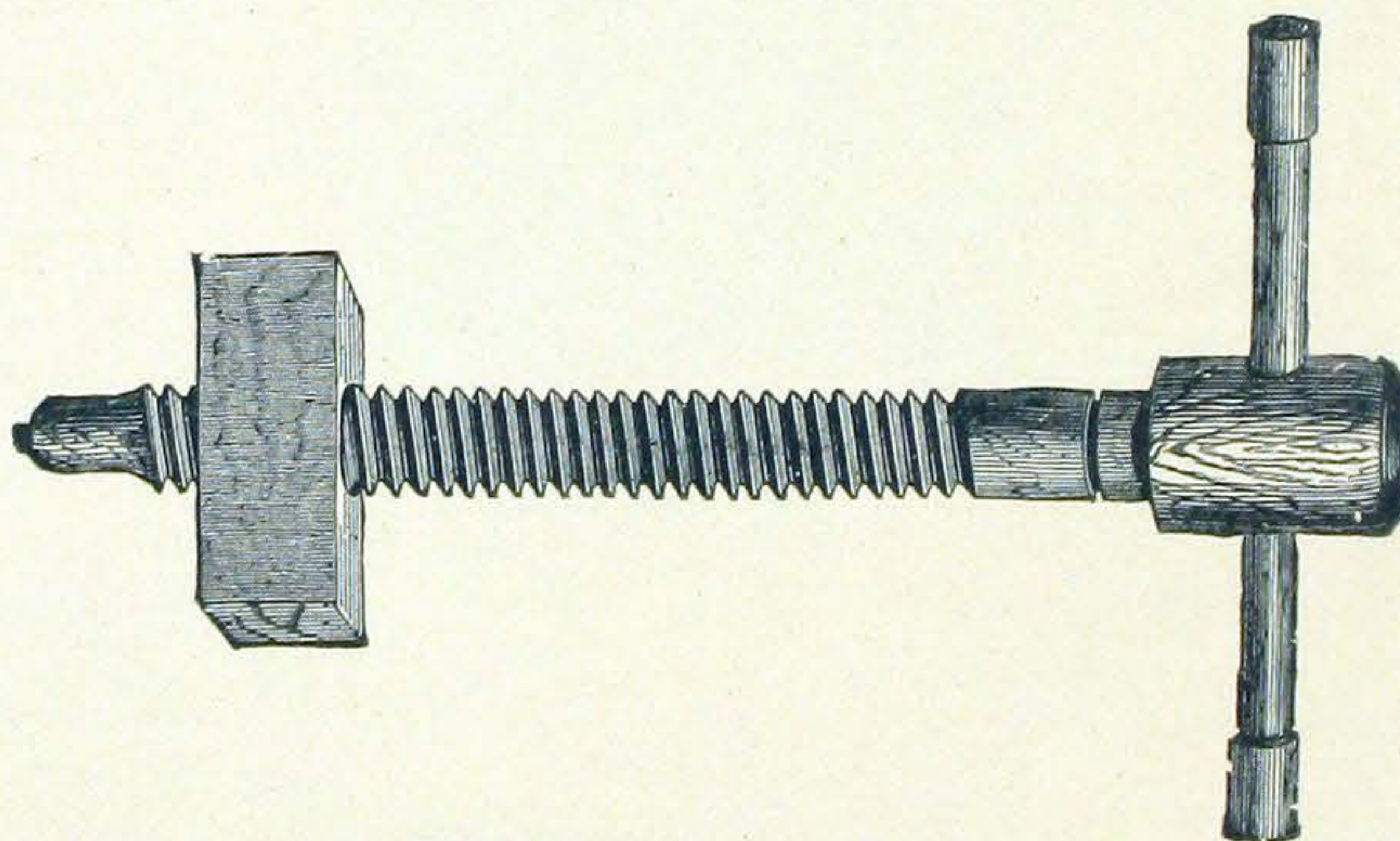
per dozen, \$0 50



Fore Plane Handles,

per dozen, 0 75

WOOD BENCH AND TAIL SCREWS.



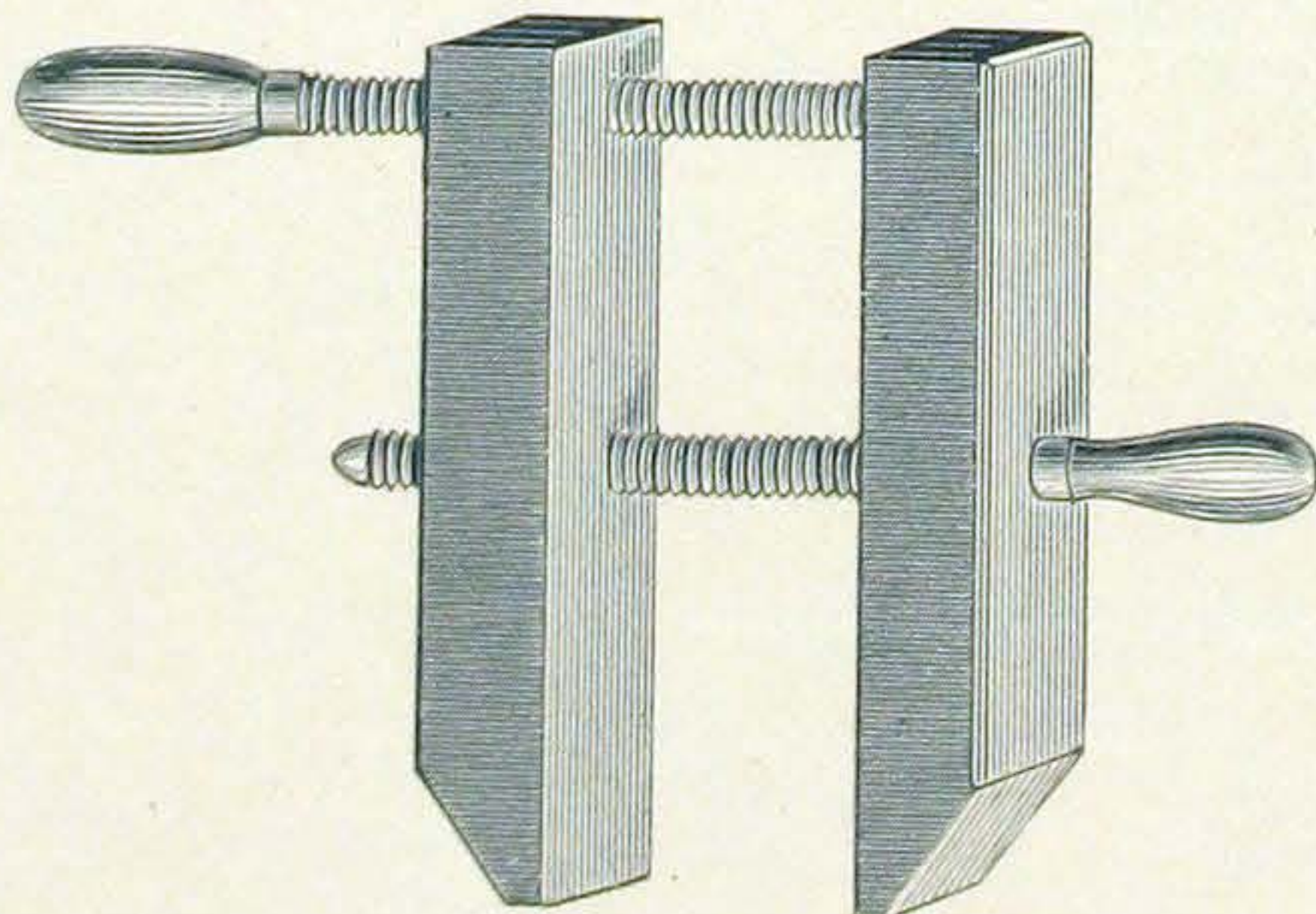
BENCH SCREWS.

No. 210. 2 inch,

\$4 00

No. 210. 2¼ or 2½ inch,

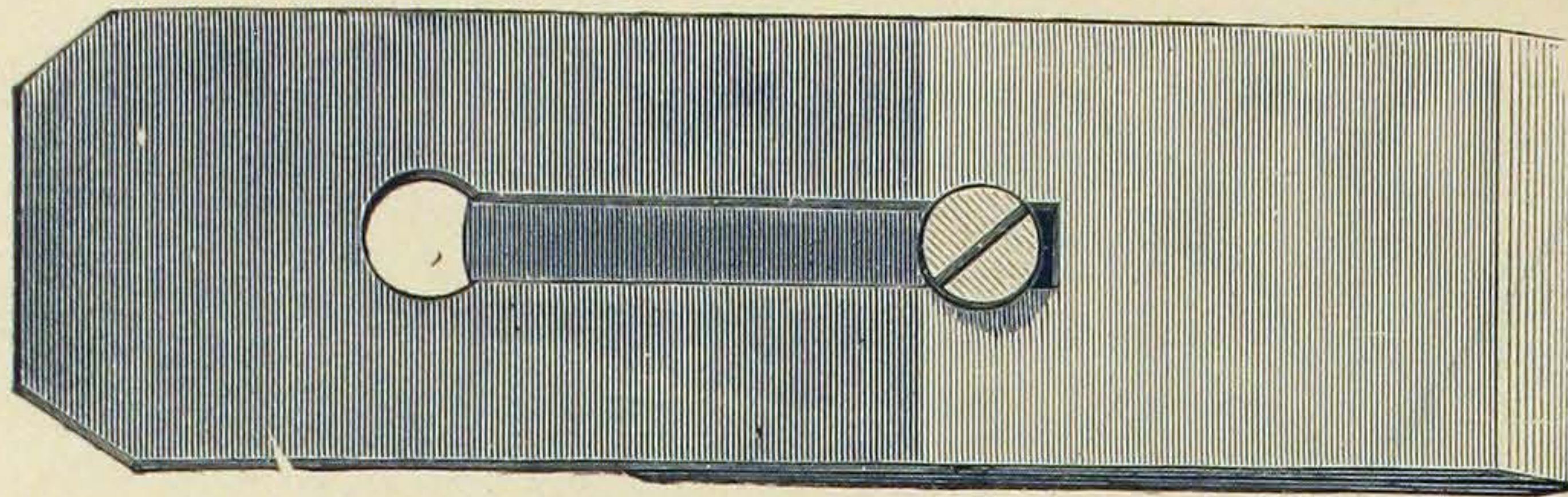
\$4 50



HAND SCREWS.

No.	Length of Jaw.	Length of Screw.	Diameter of Screw.	Size of Jaw.	Price per Dozen
No. 201.	6 ins.	10 ins.	1 5/8 ins.	1 1/2 x 1 1/2	\$2 00
202.	8 "	12 "	1 3/4 "	1 3/4 x 1 3/4	2 50
203.	10 "	14 "	1 7/8 "	1 7/8 x 1 7/8	3 00
204.	12 "	16 "	2 "	2 x 2	3 75
205.	14 "	18 "	2 1/4 "	2 1/4 x 2 1/4	4 00
206.	16 "	20 "	2 1/2 "	2 1/2 x 2 1/2	4 25
207.	18 "	22 "	2 3/4 "	2 3/4 x 2 3/4	5 50
208.	20 "	24 "	3 "	3 x 3	6 50
209.	22 "	26 "	3 1/4 "	3 1/4 x 3 1/4	7 50

PLANE IRONS.



DOUBLE PLANE IRON.

Double Cast Steel Plane Irons.

1½	1⅝	1¾	1⅞	2	2⅛	2¼	2⅜	2½	2⅝	2¾	2⅞	3	inch.
\$3.75	3.75	4.00	4.00	4.13	4.25	4.50	4.75	5.25	5.50	6.50	7.00	7.50	per dozen.
Assorted from 2 to 2½,										. . . . . \$4.50 per dozen.			

Single Cast Steel Plane Irons, or Cut Irons.

$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$	3	inch.
\$1.75	1.75	1.75	1.87	2.00	2.13	2.38	2.62	2.88	3.12	3.50	4.00	4.50	per dozen.
Assorted from 2 to $2\frac{1}{2}$, \$2.37 per dozen.													

Cast Steel Raising Plane Irons.

$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	inch.
3.25	3.75	4.50	5.00	5.50	6.00	6.50	per dozen.

Cast Steel Soft Irons.

2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$4\frac{1}{2}$ inch.
\$2.00	2.13	2.38	2.62	2.88	3.12	3.50	4.50	5.00	5.50	6.00	6.50	7.00	7.50 per dozen.

Cast Steel Tooth Plane Irons.

2	$2\frac{1}{8}$ inch.
\$2.63	2.75 per dozen.

Cast Steel Soft Moulding Irons.

$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	inch.
\$0.69	0.69	0.69	0.71	0.71	0.75	0.81	0.88	0.96	per dozen
$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	inch.
\$1.00	1.06	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.06 per dozen.

Cast Steel Rabbet Irons.—(SKEW OR SQUARE.)

$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$ inch.
\$0.94	1.04	1.21	1.33	1.44	1.63	1.81	2.06 per dozen.

Cast Steel Match Plane Bits.

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
\$2.62	2.62	2.75	2.80	2.92 per dozen pair.

Cast Steel Match Plane Irons and Bits for Flank Match.

$1\frac{3}{4}$	inch.
\$3.25	per dozen pair.

Cast Steel Plow Bits.

Cast Steel Plow Bits, 8 irons, $\frac{3}{16}$ to $\frac{5}{8}$,	\$1.50 per set.
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Cast Steel Match Grooving Bits.

Cast Steel Match Grooving Bits, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{2}$, $\frac{5}{16}$, $\frac{3}{8}$,	\$1.50 per dozen
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Cast Steel Filletster Irons.

Cast Steel Filletster Irons, $1\frac{1}{2}$ inch,	\$1.50 per dozen.
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Cast Steel Dado Irons.

$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
\$1.00	1.00	1.00	1.00	1.00	1.06	1.10	1.15	1.25 per dozen.

Cast Steel Dado Cutters.

$\frac{2}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
\$1.25	1.25	1.25	1.25	1.30	1.35	1.40	1.50 per dozen.

Comparative List of Planes.

Auburn Tool Comp'y.	Ohio Tool Comp'y	Chapin Tool Comp'y.	Sandusky Tool Comp'y.	DESCRIPTION.
1	1	104	1	Smooth Plane, Single Iron.
3	3	112	3	" " Double "
7	5	112½	5	" " " Iron, Solid Handle.
7½	5½	...	5½	Jack Handled Smooth Plane.
8	8	415	7	Boxwood Smooth, Double Iron.
9	12	105	10	Jack Plane, Single Iron.
10	13	...	11	" " Bolted Handles.
11	14	105½	12	Razee Jack, " with Start.
12	15	113	13	Jack Plane, Double Iron.
14	16	...	14	" " " Bolted Handle.
16	17	113½	15	Razee Jack, " " with Start.
17	18	106	16	Fore Plane.
19	20	106½	18	Razee Fore Plane, Single Iron, Start.
20	21	114	19	Fore Plane, Double Iron.
22	22	...	20	Fore Plane, Double Iron, Bolted Handles.
24	23	114½	21	Razee Fore Plane, Double Iron, with Start.
26	24	107	22	Jointer Plane, Single Iron, with Start.
29	26	107½	24	Razee Jointer, " "
30	27	115	25	Jointer Plane, Double Iron.
35	28	...	26	" " Bolted Handle.
37	29	115½	27	Razee Jointer, " with Start.
46	31A	431	38	Mitre Plane, Square, Single Iron.
47	31	432	38½	" Smooth Shape, Single Iron.
49	31¼	434	39	" " Double Iron.
51	119	160	149	Jack Rabbet, with Handles and 2 Cutters.
53	119	159	149	" with Handle on Side.
55	...	411	28	Applewood Smooth Plane, Double Iron.
56	...	412	30	" Jack " "
57	...	413	31	" Fore " "
57½	...	414	32	" Jointer " "
60	114	162	144	Raising Plane.
63	115	...	145	" with Screw Arm.
69	75	171	99	Board Match Plane, Twin or Separate.
70	76	172	100	" " Plated.
73	77	175	101	" " Solid Handle.
74	78	176	102	" " " Plated.
75	79	177	103	Plank Match Planes.
76	80	178	104	" " Plated.
80	82	181	106	" " Screw Arms.
81	84	182	106½	" " " Plated.
87	94	230	116	Panel Plow, Beech, 4 Irons, Wood Stop.
89	95	232	117	" Screw Stop, 8 Irons.
89½	96	233	118	" " Boxed Fence.
90	96½	234	119	" with Handle.
90½	97	235	120	" " Boxed Fence.
91	98	243	121	" Boxwood Arms.
92	100	236	123	" " with Handle.
93	99	244	122	" " Boxed Fence.
94	101	238	124	" " Handle Boxed, Fence.
95	102	245	130	Panel Plow, Box or Rosewood,
96	104	240½	132	" " Screw Stop with handle.
97	103	...	131	" " Ivory Tipped.
98	105	...	133	" " Screw Top Hdle, Iv'ry Tipped.
99	...	...	134	Panel Plow, Beech, Boxwood Arms.
100	109	...	137	" Ebony, with Handle Ivory Tipped.
101	...	...	143	" " Self-Regulating.
102	36	122	46	Astragals.
105	37	123	47	Side Bead, Single Boxed.
106	38	124	48	" Double "
107	39	125	49	" " " Dovetailed.
108	41	126	51	Centre Bend, " " "
108	42	127	52	" Solid, " "
109	49	225	80	Cabinet Maker's Ogee.
113	...	130	52½	Torus Bead.

COMPARATIVE LIST OF PLANES.—Continued.

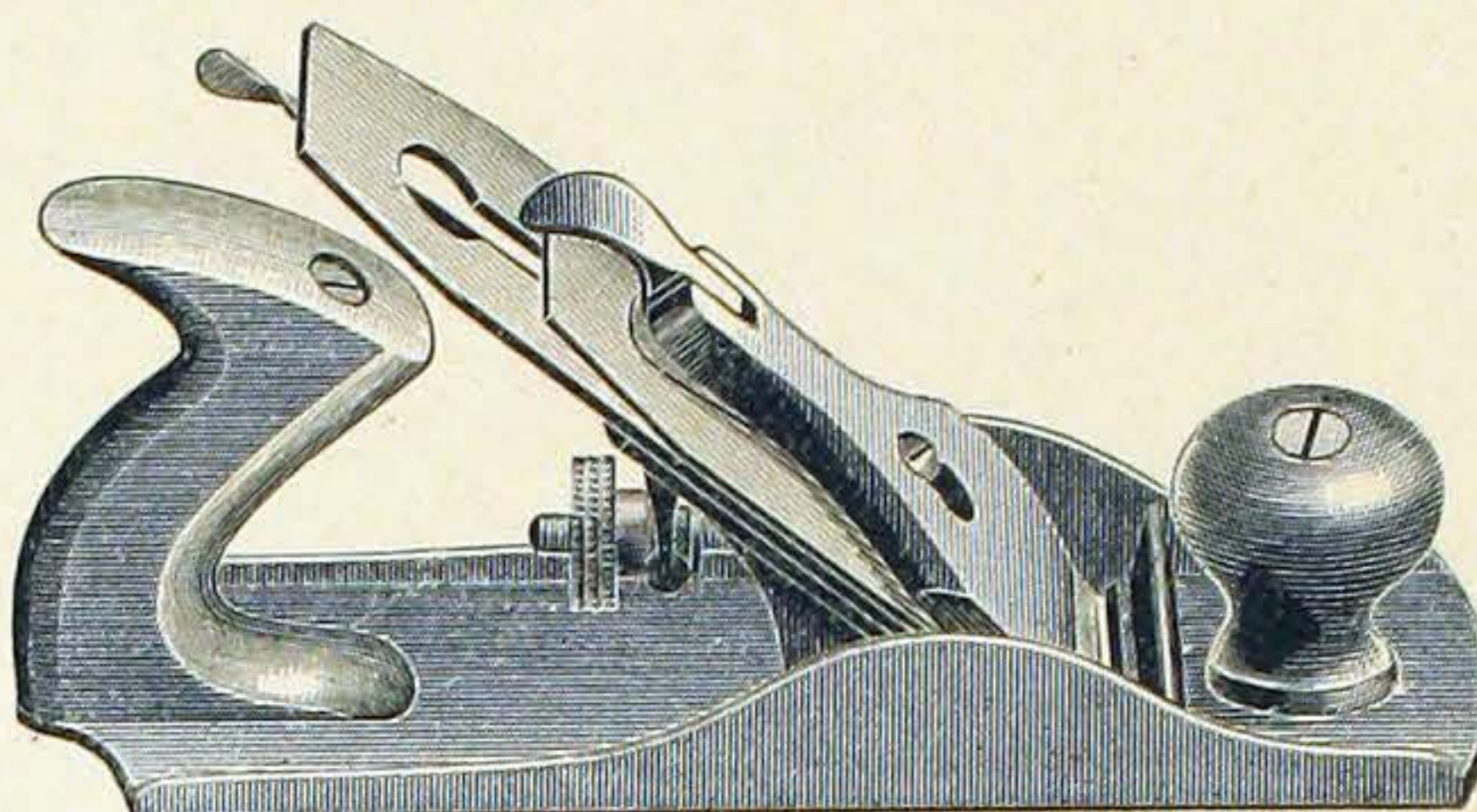
Auburn Tool Comp'y.	Ohio Tool Comp'y.	Chapin Tool Comp'y.	Sandusky Tool Comp'y.	DESCRIPTION.
114	141	...	97	Door Moulding Plane, Boxed.
115	139 $\frac{1}{4}$	145	179	Door Plane, Screw Arm and Fence.
115	139 $\frac{3}{4}$	145	181	" " and Ogee.
116	139 $\frac{1}{2}$	145	180	" " and Bevel.
117	51	146	65	Filletster, without Cutter.
118	52	147	66	" with "
119	53	148	67	" " and Brass Side Stop.
120	54	149	68	" " and Brass Side Stop, Boxed.
121	55	150	69	" " and Brass Screws.
121 $\frac{1}{2}$	56	150 $\frac{1}{2}$	70	" " B. S. Stop, Boxed and Fenced.
123	57	154	71	" " B.W. S. Arms, B. Screw Stop, Bxd.
124	58	154 $\frac{1}{2}$	72	" " " " B.S.S. Box'd and Hdle.
125	140	207	96	Reverse Ogee and Square.
126	62 $\frac{1}{2}$	206	82	Roman Reverse Ogees.
127	62	206	81	Reverse Ogee.
128	59	204	74	Ogee.
140	60	208	77	Grecian Ogee.
142	...	209	78	" and Bead.
144	61	209	79	" with Bevel and Fillet.
145	63	212	83	Grecian Ogee.
147	65	214	85	Grecian Ovolo and Bead.
150	64	214	84	" with Bevel or Fillet.
155	43 $\frac{1}{2}$	219	54	Scotia, or Quarter Pound.
155 $\frac{1}{2}$	43 $\frac{1}{8}$	217 $\frac{3}{4}$	54 $\frac{3}{4}$	Casing Moulding Plane, Fence, to work on edge.
156	43	219	53	Cove Planes.
157	44	220	55	Cove and Bead.
158	89	...	110	Nosings, Mouldings.
165	125	185	155	Sash Plane, One Iron, Bevel or Ovolo.
165	126	187	156	" Two Irons, "
165	127	191	157	" " " Boxed.
165	131	193	164	" Screw Arms, Self-Regulating, Bevel.
165	133	168	192	" Dovetailed Boxed, Bevel or Ovolo.
166	132	195	166	" Screw Arms, Self-Regulating, Bevel Poxed.
168	131 $\frac{1}{2}$	193	165	" " " Gothic.
168	133 $\frac{1}{2}$	192	169	" Dovetailed, Boxed, Bevel or Ovolo.
169	132 $\frac{1}{2}$	195	167	" B'x'd, Gothic or Ogee, Screw Arm, Self-Reg.
174	45	202	56	Coping Plane, Double for Sash Plane.
176	47	138	60	Dado, Brass, Side Stop.
177	48	139	62	" Screw Stop.
180	72	163	92	Hollow and Round.
180	73	167	94	" "
181	116	157	146	Rabbet Planes, Skewed.
181	117	158	147	" Skew, with Cutter and Boxed.
181	120	155	150	" Square.
182	122	131	152	Reeding Planes.
183	123	161	151 $\frac{1}{2}$	Side Rabbets, Right and Left.
184	124	...	153	Snipe Bills, Single.
185	136	168	175	Table Planes, with Gouge.
186	137	169	176	" " Dovetailed, Boxed.
187	138	170	177	" with Fence.
189	90	132	111	Nosing One Iron.
189	90 $\frac{1}{2}$	134	112	" " with Handle.
189	91	133	113	" Two Irons.
189	92	133 $\frac{1}{2}$	114	" " with Handle.
190	30	430	36	Tooth Plane, Single Iron.
192	34	436	44	Circular or Heel Plane, Single Iron.
193	35	437	45	" " Double Iron.
196	32	442	41	Gutter Plane.
198	32 $\frac{1}{2}$	443	42	Pump Plane, for Chain Pumps.
199	29D	446	045 $\frac{1}{2}$	Box Maker's Plane, Jack Shape, Razee, Single Iron.
200	...	446	45 $\frac{1}{2}$	" " " " Double Iron.

AGENTS FOR DERBY PLANE CO.

The B. Planes.

PATENTED OCT. 22, 1889.

WOODEN HANDLE AND KNOB.



In placing these planes upon the market, we do so fully assured that they have no superior as regards material, workmanship and finish, easy and reliable adjustment and good working qualities. The steel composing the cutter is of the best imported; we can, therefore, guarantee their quality.

No. 2, Smooth Plane, 7 in. long, $1\frac{3}{4}$ in. Cutter,	\$2 75	No. 6, Fore Plane, 18 in. long, $2\frac{3}{8}$ in. Cutter,	\$4 75
" 3, " " 8 " $1\frac{3}{4}$ " "	3 00	" 7, Jointer " 22 " " $2\frac{3}{8}$ " "	5 50
" 4, " " 9 " 2 " "	3 25	" 8, " " 24 " " $2\frac{5}{8}$ " "	6 50
" 5, Jack " 14 " 2 " "	3 75	" 4 $\frac{1}{2}$, 9 inch Smooth Adjustable Front,	4 00

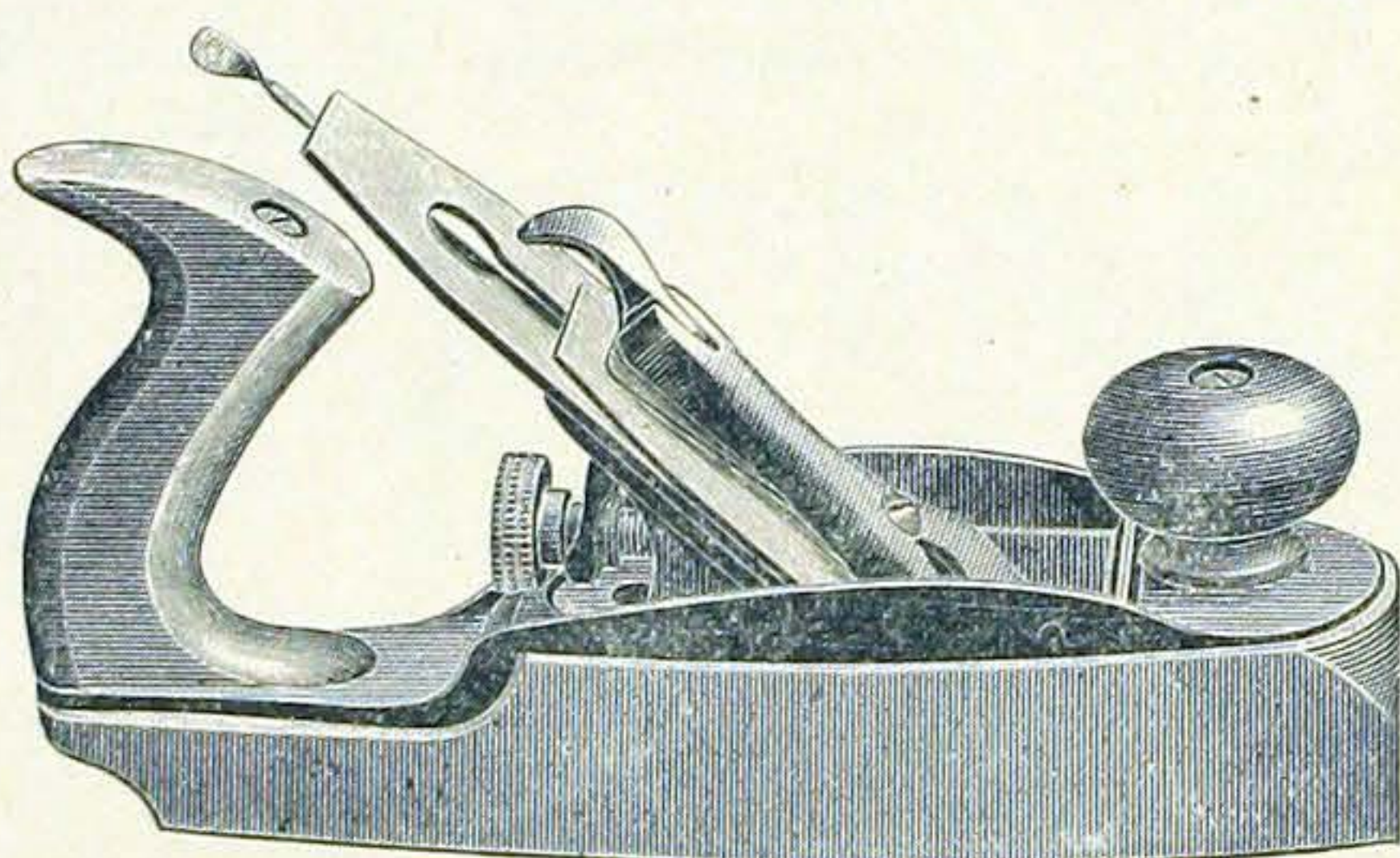
Irons for the Above.

	$1\frac{3}{4}$ in.	2 in.	$2\frac{3}{8}$ in.	$2\frac{5}{8}$
Double Irons,	50 cts.,	55 cts.,	65 cts.,	70 cts. each.
Single Irons,	28 "	30 "	37 "	40 " "

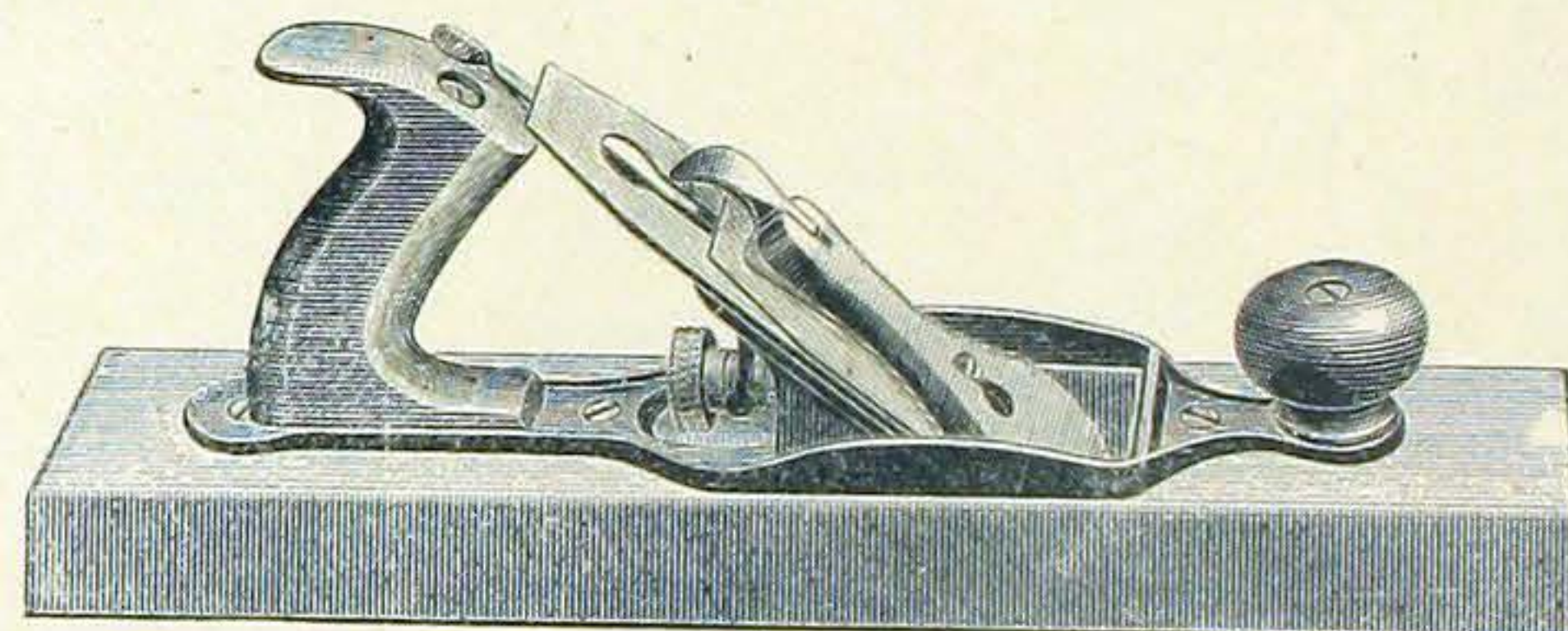
In ordering Irons, give number of Plane wanted for.

Wood Planes.

PATENTED OCT. 22, 1889.



No. 21, Smooth Plane, 7 in. long, $1\frac{3}{4}$ in. Cutter,	EACH.	\$2 00
" 22, " " 8 " $1\frac{3}{4}$ " "	2 00	
" 23, " " 9 " $1\frac{3}{4}$ " "	2 00	
" 24, " " 8 " 2 " "	2 00	
" 35, Handle Smooth, 9 " 2 " "	2 50	
" 36, " " 10 " $2\frac{3}{8}$ " "	2 75	



No. 26, Jack Plane, 15 in. long, 2 in. Cutter,	\$2 25
" 27, " " 15 " $2\frac{1}{8}$ " "	2 50
" 28, Fore " 18 " $2\frac{3}{8}$ " "	2 75
" 29, " " 20 " $2\frac{3}{8}$ " "	2 75
" 30, Jointer " 22 " $2\frac{3}{8}$ " "	3 00
" 31, " " 24 " $2\frac{3}{8}$ " "	3 00
" 32, " " 26 " $2\frac{5}{8}$ " "	3 25
" 33, " " 28 " $2\frac{5}{8}$ " "	3 25
" 34, " " 30 " $2\frac{5}{8}$ " "	3 50

We can supply extra woods for any of the above.

Block Planes.

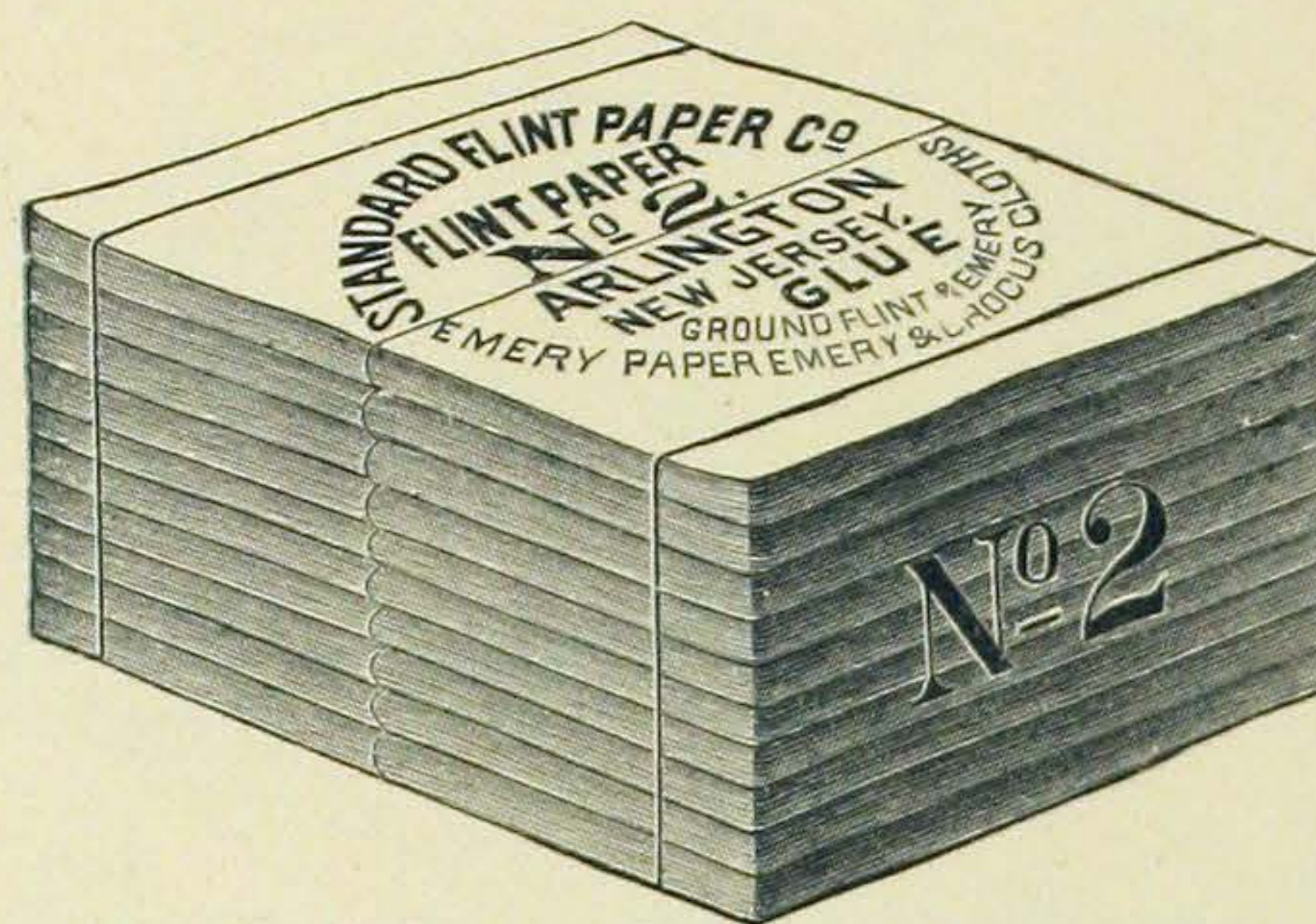
No. 101, Block Plane, 3 inch long, 1 inch Cutter,	\$ 20
" 101 $\frac{1}{2}$, " " 4 " $1\frac{1}{4}$ " "	30
" 102, " " $5\frac{1}{2}$ " $1\frac{1}{4}$ " "	40
" 103, " " $5\frac{1}{2}$ " $1\frac{1}{4}$ " "	Adjustable, 60
" 110, " " 7 " $1\frac{3}{4}$ " "	Adjustable 60
" 120, " " 7 " $1\frac{3}{4}$ " "	Adjustable 85
" 9 $\frac{1}{2}$, " " 6 " $1\frac{3}{4}$ " "	" front, 1 50
" 15, " " 7 " $1\frac{3}{4}$ " "	" " 1 60
" 9 $\frac{3}{4}$, " " 6 " $1\frac{3}{4}$ " "	Handle, " " 1 75
" 15 $\frac{1}{2}$, " " 7 " $1\frac{3}{4}$ " "	" " " 1 85

AGENTS FOR

STANDARD FLINT PAPER CO.,

MANUFACTURERS OF

FLINT, GARNET AND EMERY PAPERS, EMERY AND CROCUS CLOTHS.



Flint Paper. Best Quality.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	Nos.
\$4.50	4.50	4.50	4.50	4.50	5.00	5.00	5.00	5.50	per ream.

Flint Paper. In Rolls.

50 YARDS EACH, $23\frac{1}{2}$ INCHES WIDE.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	Nos.
\$5.00	5.00	5.00	5.00	5.00	5.50	6.00	6.50	7.50	8.50	per roll.

Arlington Mills Flint Paper.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	Nos.
\$3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	per ream.

Assorted, 00 to 3, \$3.75 per ream.

Emery Paper. Best Quality.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	Nos.
\$6.50	6.50	6.50	6.50	6.50	7.50	9.50	11.50	per ream.

Assorted, 00 to $1\frac{1}{2}$, \$6.50 per ream.

Emery Cloth. Best Quality.

000	00	0	100	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	Nos.
\$18.00	18.00	18.00	18.00	18.00	18.00	18.00	20.00	24.00	26.00	per ream

Assorted, 00 to $1\frac{1}{2}$, \$18.00 per ream.

CROCUS CLOTH, \$18.00 per ream.

Garnet Paper. Best Quality.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	Nos.
\$5.50	5.50	5.50	5.50	5.50	6.00	6.50	7.00	7.50	per ream.

Garnet Paper. In Rolls.

50 YARDS EACH, $23\frac{1}{2}$ INCHES WIDE.

00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	Nos.
\$6.00	6.00	6.00	6.00	6.00	6.50	7.25	8.25	9.50	per roll.

EMERY NUMBERS CORRESPONDING WITH THOSE OF EMERY CLOTH.

000	00	0	100	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
FF	F	120	100	90	80	70	60	54	46

Flint, Garnet and Emery Papers are put up in packages of $\frac{1}{2}$ ream each. Emery and Crocus Cloths are put up in packages of $\frac{1}{4}$ ream each.

Flint, Garnet and Emery Paper packed for Shipment in Bundles as follows.

Nos.	00	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	Assorted.
Rms.	$5\frac{1}{2}$	5	$4\frac{1}{2}$	4	$3\frac{1}{2}$	3	$2\frac{1}{2}$	2	$1\frac{1}{2}$	$3\frac{1}{2}$

AGENTS FOR

GEORGE M. EDDY & CO.

Manufacturers of Measuring Tapes.

NOTE.

Tapes made to order in French, Spanish and Portuguese measure.
Where English and Foreign measure is required on the same measure an extra charge is made.
For Linen Tapes, 10 cents per 100 feet net; on Steel Tapes, 3 cents per foot extra.
Cotton or Linen Tapes without Cases are half of the list prices.

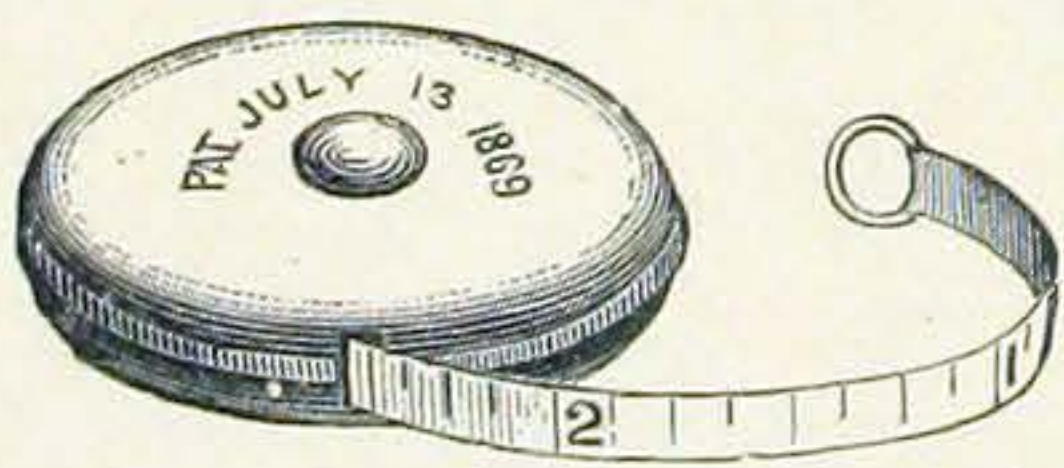
Board Measure one side, feet and inches on the other, $\frac{9}{16}$ inch corded linen tape, 25 feet long, per dozen, \$6.00
Lumber Measure, feet and inches both sides, from opposite ends, $\frac{9}{16}$ inch corded linen tape, 25 feet long, per dozen, 5.00

TAILORS' MEASURES.—60 Inches Long.

No.	Description.	Price per Gross.	No.	Description.	Price per Gross.
250	Cotton Tape, $\frac{3}{8}$ inch wide,	\$2.50	12	Linen Tapes, on both sides, $\frac{1}{2}$ inch wide,	\$7.00
25	Best Cotton Tapes, $\frac{3}{8}$ "	3.00	13	" " " $\frac{9}{16}$ "	9.00
125	" " on both sides, $\frac{3}{8}$ "	3.50	1	Enameled Tapes, $\frac{1}{2}$ "	9.00
27	" " " $\frac{1}{2}$ "	3.50	11	" " on both sides, $\frac{1}{2}$ "	10.00
127	" " on both sides, $\frac{1}{2}$ "	4.00	2	" " " $\frac{9}{16}$ "	11.00
135	" " " $\frac{5}{8}$ "	4.50	12	" " on both sides, $\frac{9}{16}$ "	12.00
235	" " on both sides, $\frac{5}{8}$ "	5.00	3	" " in. and centimetres, $\frac{9}{16}$ "	12.00
335	" " enameled brass tips, $\frac{5}{8}$ "	5.50	4	" " on both sides, $\frac{5}{8}$ "	15.00
435	" " " both sides " $\frac{5}{8}$ "	6.00	5	" " pants measure, $\frac{5}{8}$ "	12.00
1	Linen Tapes, $\frac{3}{8}$ "	5.00			Per Doz.
2	" " " $\frac{1}{2}$ "	6.00	2	Stitched Satteen, on both sides, $\frac{3}{8}$ "	2.50
3	" " " $\frac{9}{16}$ "	8.00	3	" " " " $\frac{3}{8}$ "	3.00

Spring Measuring Tapes, Lacquered Brass Cases.

WITHOUT STOP.			WITH STOP.		
No.	Feet,		No.	Feet,	
20	3		22	3	
21			23	5	
5					
Per dozen,	\$3.75	4.00	Per dozen,	\$5.00	5.25 5.50



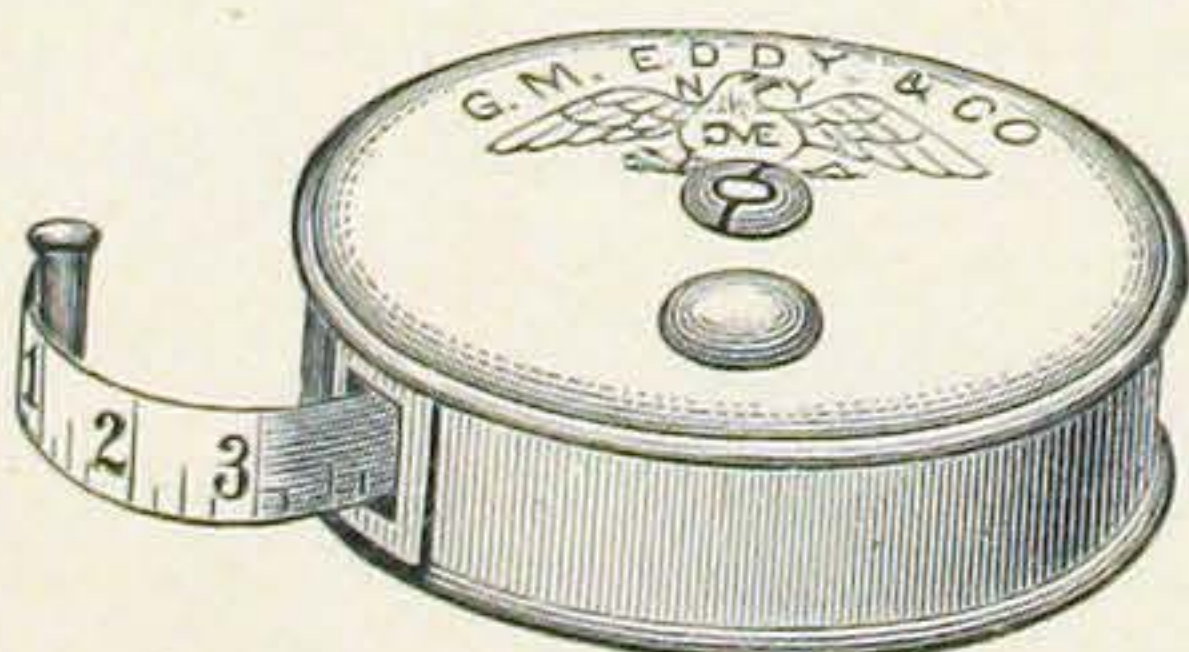
Patent Spring Measuring Tapes, Nickel Plated Cases.

WITH STOP.		
No.	Feet,	
24	3	
25	5	
28	6	
Per dozen,	\$5.25	5.50 5.75



Patent Spring Measuring Tapes, Plastic Cases.

WITH STOP.		
No.	Feet,	
26	3	
27	5	
29	6	
Per dozen,	\$5.25	5.50 5.75

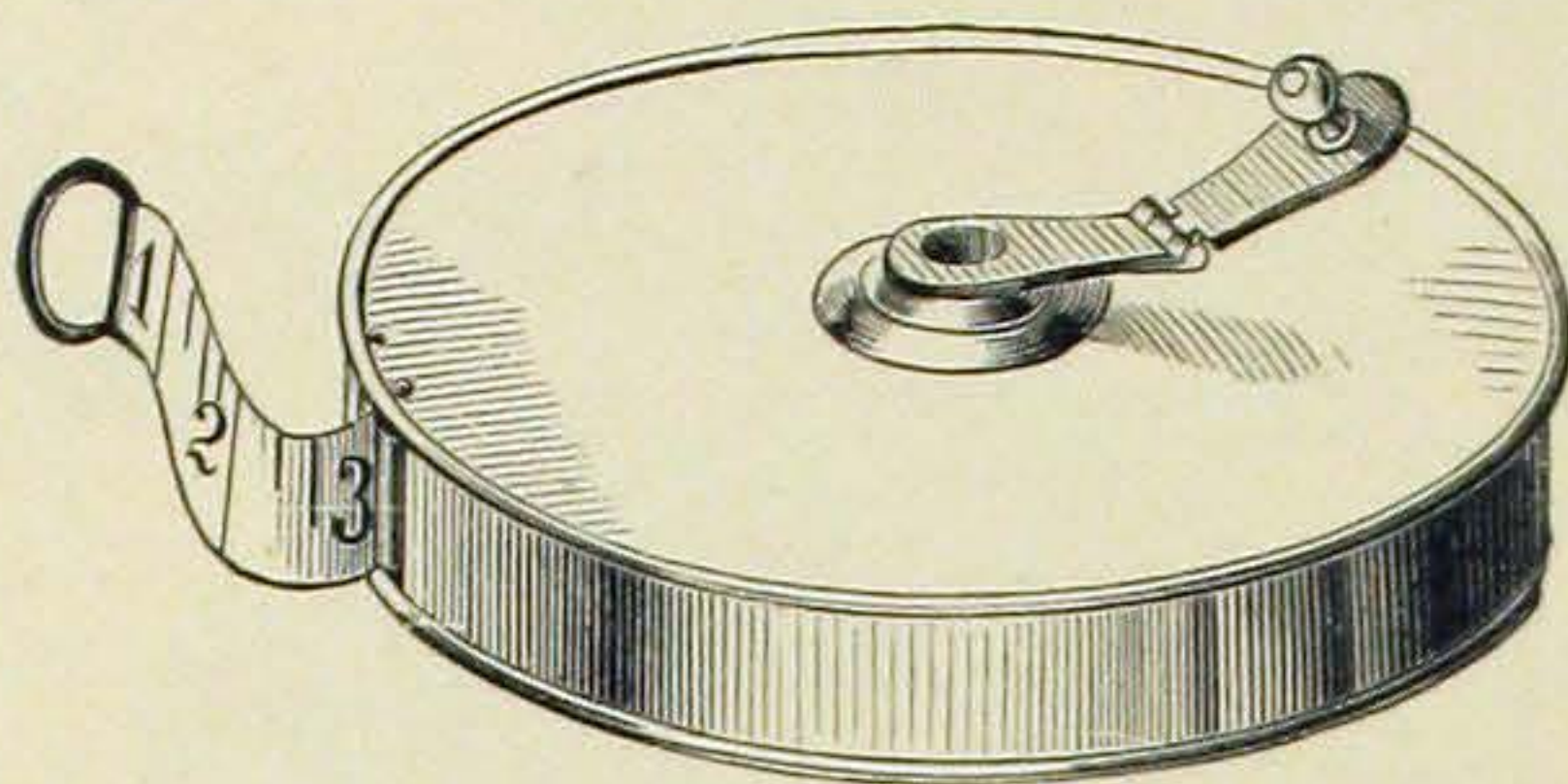


Spring Measuring Tapes, Nickel Plated Cases.

WITH STOP.		
No.	Feet,	
320	3	
322	5	
323	6	
324	7	
329	8	
330	12	
331	15	
Per dozen,	\$9.00	10.00 11.00 11.50 12.00 15.00 18.00

Asses' Skin, Brass Round Case.

WITH FOLDING HANDLES.

**Common Cotton Tape.**

HALF INCH WIDE.

These Tapes are the cheapest made, and although sold in large quantities, are only adapted to the most ordinary work; although printed from a standard, they are liable to variations in use.

No.	30	31	32	33	34	35	36	37
Feet,	25	30	40	50	66	75	80	100
Per dozen,	\$3.75	4.00	4.50	5.00	6.00	7.50	8.00	9.00

Best Cotton Tape.

HALF INCH WIDE.

A better Cotton Tape with heavier warp.

No.	90	91	92	93	94	95	96	97
Feet,	25	30	40	50	66	75	80	100
Per dozen,	\$4.75	5.00	5.75	6.25	7.25	8.75	9.25	10.75

Holland Tape.

HALF INCH WIDE.

A heavier Tape, with Linen warp.

No.	80	81	82	83	84	85	86	87
Feet,	25	30	40	50	66	75	80	100
Per dozen,	\$5.00	5.50	7.00	8.00	9.00	10.00	10.50	12.50

Corded Linen Tape.

HALF INCH WIDE.

An all Linen Tape, with cords to prevent stretching.

No.	100	101	102	103	104	105
Feet,	33	40	50	66	75	100
Per dozen,	\$7.00	8.25	10.00	12.00	13.00	15.00

Super Corded Linen Tape.

NINE-SIXTEENTHS INCH WIDE.

No.	106	107	108	109
Feet,	50	66	75	100
Per dozen,	\$13.00	14.00	15.00	17.00

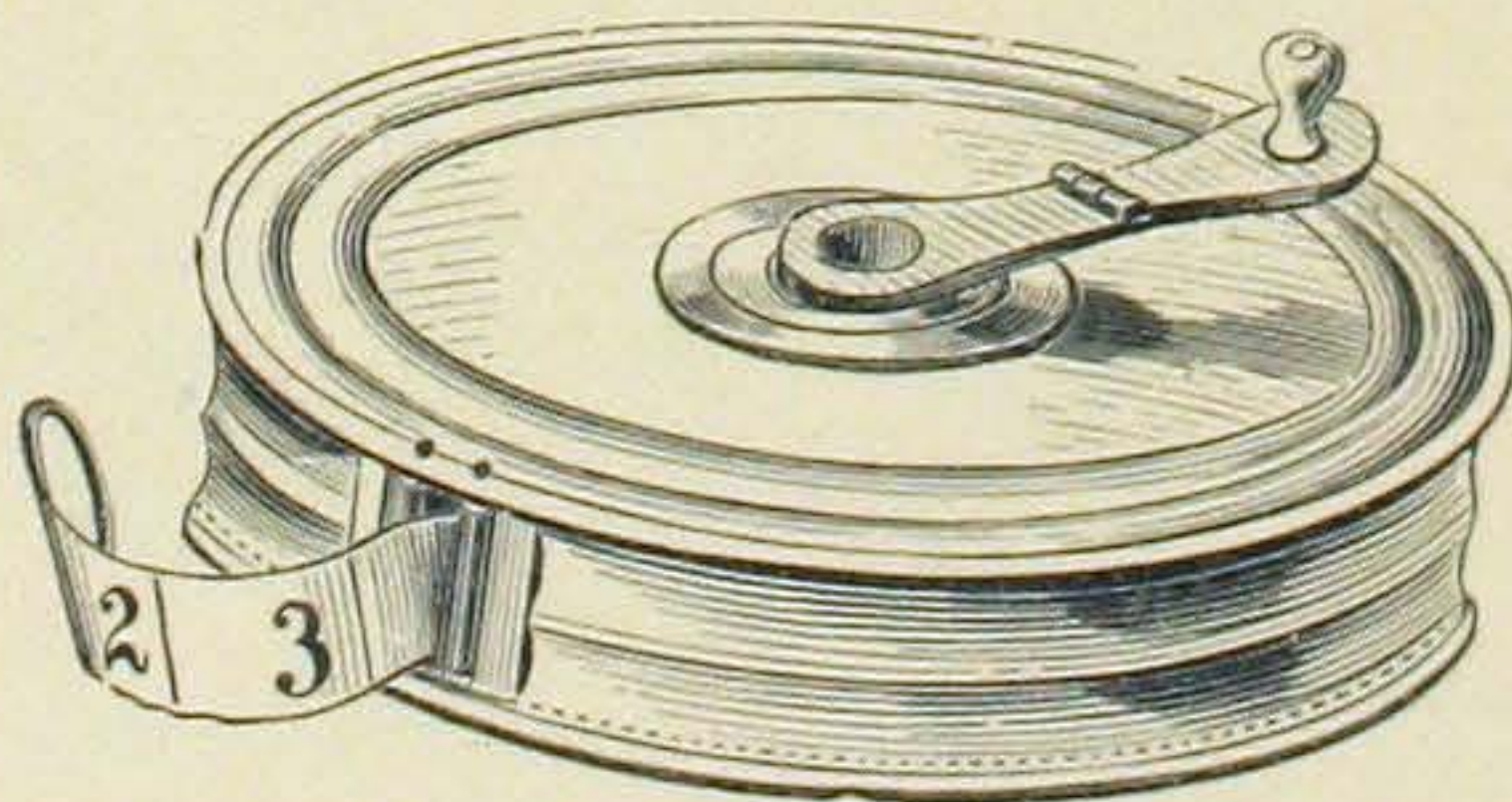
Surveyors' Extra Asses' Skin, Brass Bound Case.

SUPER HEAVY HOLLAND TAPE, FIVE-EIGHTHS INCH WIDE.

No.	110	111	112	113
Feet,	50	66	75	100
Per dozen,	\$14.00	15.00	16.00	18.00

Russet Leather Case.

WITH FOLDING HANDLES.



SUPER HOLLAND TAPE, FIVE-EIGHTHS INCH WIDE.

No.	115	116	117	118
Feet,	50	66	75	100
Per dozen,	\$16.00	17.00	18.00	20.00

Russet Leather Case.

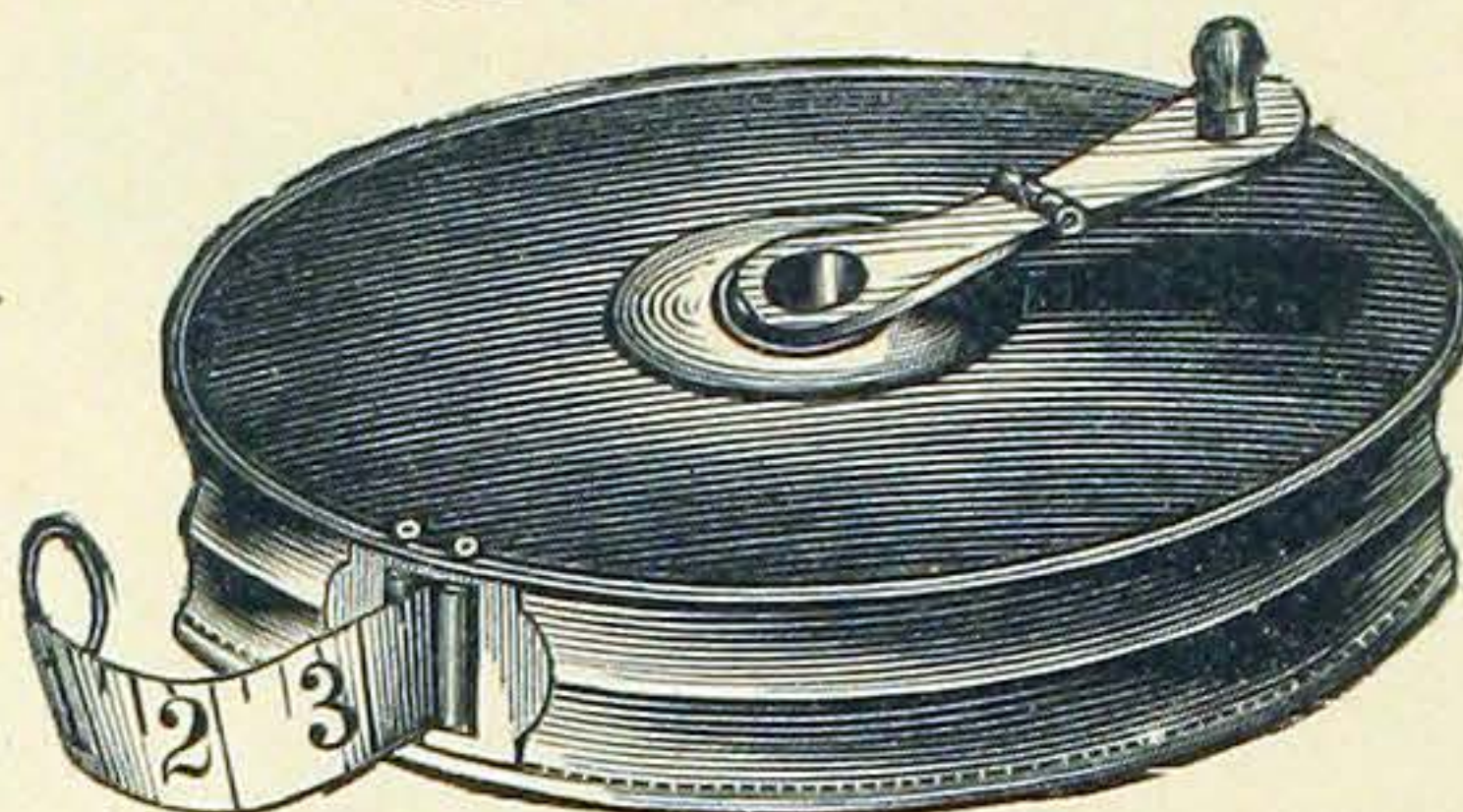
WITH FOLDING HANDLES.

Surveyors' Extra Fine Stitched Russet Leather Case.
CORDED LINEN WATERPROOF TAPE, FIVE-EIGHTHS INCH WIDE.

No.	130	131	132	133
Feet,	50	66	75	100
Per dozen,	\$18.00	20.00	22.00	24.00

Patent Leather Case.

WITH FOLDING HANDLES.

**Common Patent Leather Case.**

BEST COTTON TAPE, HALF INCH WIDE.

No.	40	41	42	43	44	45	46	47	48
Feet,	25	30	40	50	60	66	75	80	100
Per dozen,	\$4.75	5.00	5.75	6.25	6.75	7.25	8.75	9.25	10.75

Medium Quality Patent Leather Case.

HOLLAND TAPE, HALF INCH WIDE.

No.	50	51	52	53	54	55	56	57	58
Feet,	25	30	40	50	60	66	75	80	100
Per dozen,	\$5.00	5.50	7.00	8.00	8.50	9.00	10.00	10.50	12.50

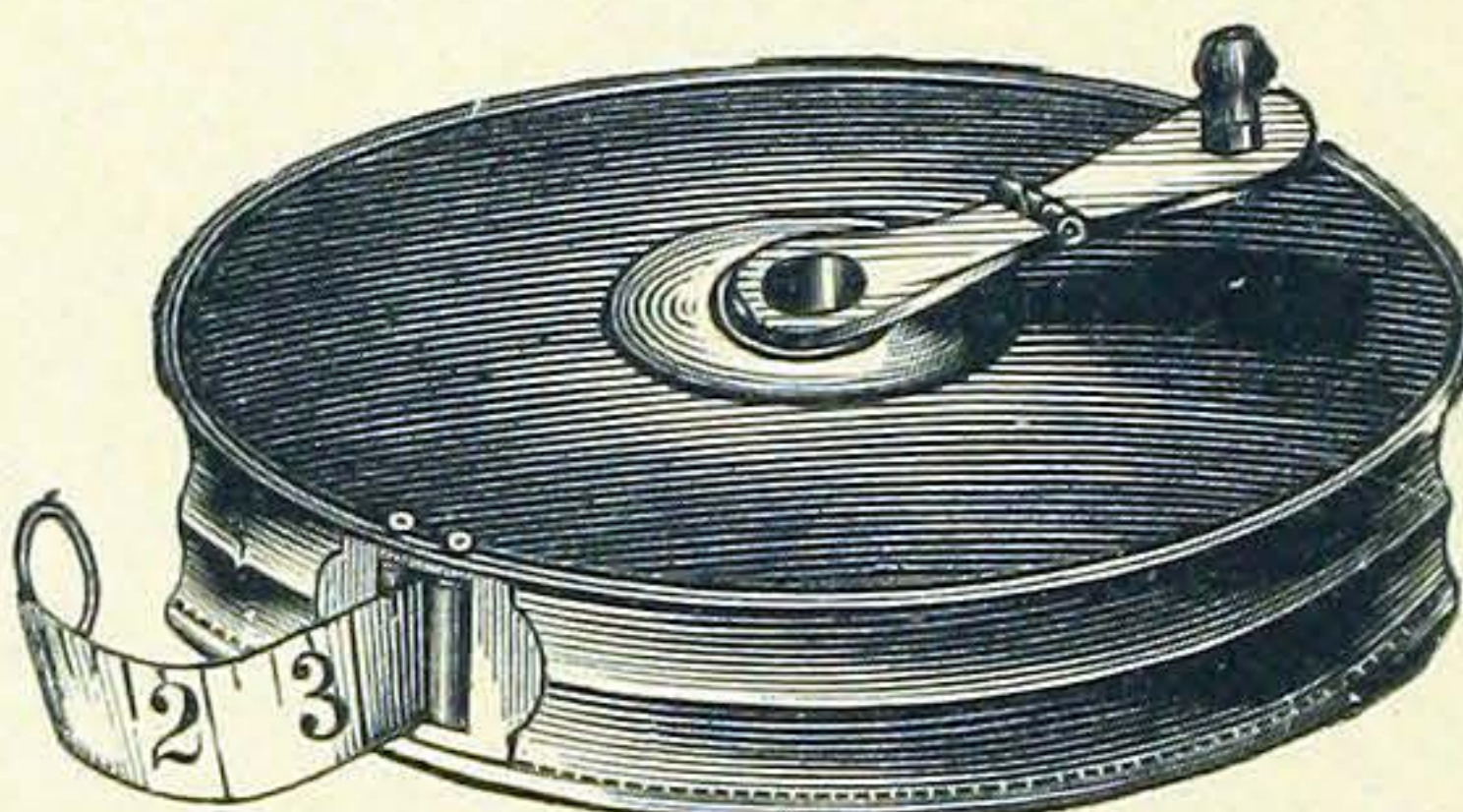
Fine Stitched Patent Leather Case.

SUPER CORDED, ALL LINEN TAPE, HALF INCH WIDE.

No.	60	61	62	63	64	65
Feet,	33	40	50	56	75	100
Per dozen,	\$7.00	8.25	10.00	12.00	13.00	15.00

Patent Leather Case.

WITH FOLDING HANDLES.

**Super Fine Stitched Patent Leather Case.**

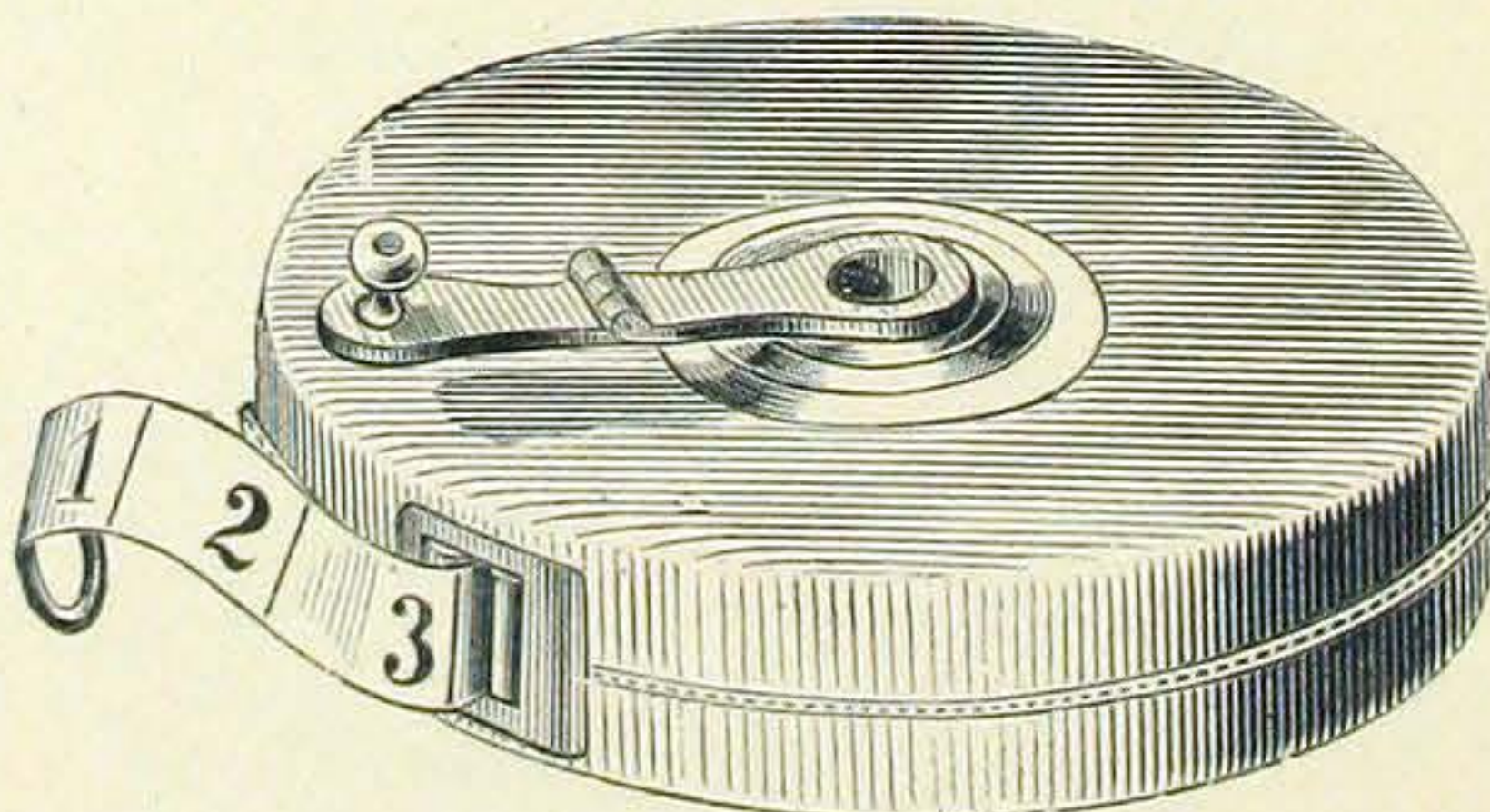
SUPER CORDED, ALL LINEN TAPE, NINE-SIXTEENTHS INCH WIDE.

No.	66	67	68	69
Feet,	50	66	75	100
Per dozen,	\$13.00	14.00	15.00	17.00

Super Fine Stitched Patent Leather Case.

SUPER HEAVY HOLLAND TAPE, FIVE-EIGHTHS INCH WIDE.

No.	70	71	72	73
Feet,	50	66	75	100
Per dozen,	\$14.00	15.00	16.00	18.00

Bend Leather Case.

These cases are made from the very best oak-tanned bend leather, from selected hides, expressly for our use, and are japanned a dark red color, or made plain russet, as desired.

Heavy Holland Tape.

FIVE-EIGHTHS INCH WIDE.

No.	120	121	122	123
Feet,	50	66	75	100
Per dozen,	\$16.00	17.00	18.00	20.00

Patent Metallic Warp Tapes.



This tape has for a long time been known as the best tape in the market, and still holds its position as the best woven tape.

PATENT METALLIC TAPE, FIVE-EIGHTHS INCH WIDE.

No.	137	138	139	140	141	142	143
Feet,	25	33	40	50	66	75	100
Per dozen,	\$21.00	24.00	27.00	30.00	36.00	42.00	48.00

The Enameled Linen Tapes

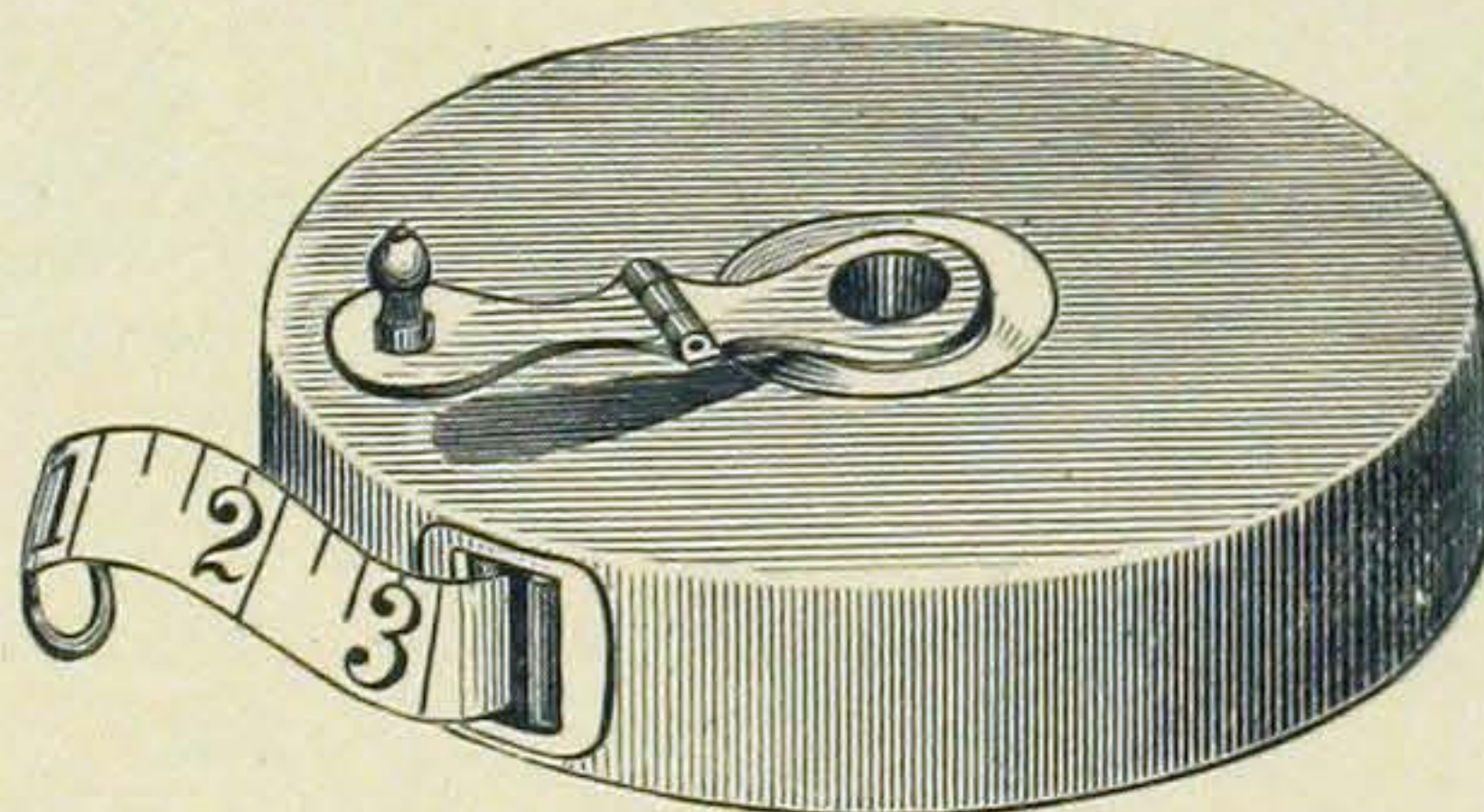
Are made of corded linen tape, five-eighths inch wide, and are coated with a durable enamel, making them as nearly water-proof as possible, and are preferred by many to the metallic warp tape.

ENAMELED LINEN TAPE, FIVE-EIGHTHS INCH WIDE.

No.	124	125	126	127
Feet,	50	66	75	100
Per dozen,	\$24.00	26.00	28.00	30.00

Pressed Leather Cases.

WITH FOLDING HANDLES.



HALF INCH HOLLAND TAPE.

No.	250	251	252	253	255	256	258
Feet,	25	30	40	50	66	75	100
Per dozen,	\$5.00	5.50	7.00	8.00	9.00	10.00	12.50

Pressed Leather Cases.

HALF INCH SUPER CORDED LINEN TAPE.

No.	260	261	262	263	264	265
Feet,	33	40	50	66	75	100
Per dozen,	\$7.00	8.25	10.00	12.00	13.00	15.00

Pressed Leather, Red Japanned Cases.

NINE-SIXTEENTHS INCH SUPER CORDED ALL LINEN TAPE.

No.	266	267	268	269
Feet,	50	66	75	100
Per dozen,	\$13.00	14.00	15.00	17.00

Pressed Leather, Red Japanned Cases.

FIVE-EIGHTHS INCH SUPER HEAVY HOLLAND TAPE.

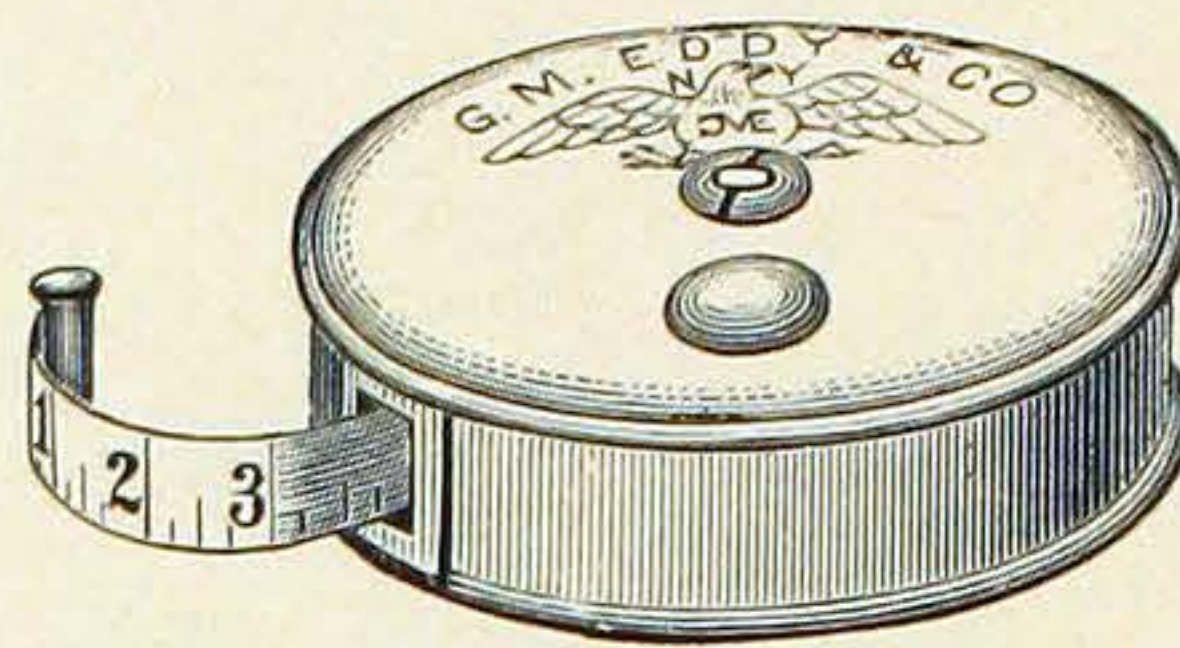
No.	270	271	272	273
Feet,	50	66	75	100
Per dozen,	\$14.00	15.00	16.00	18.00

Pressed Leather, Red Japanned Cases.

FIVE-EIGHTHS INCH SUPER CORDED LINEN WATERPROOF TAPE.

No.	230	231	232	233
Feet,	50	66	75	100
Per dozen,	\$18.00	20.00	22.00	24.00

Steel Pocket Tapes—Spring, with Stop.

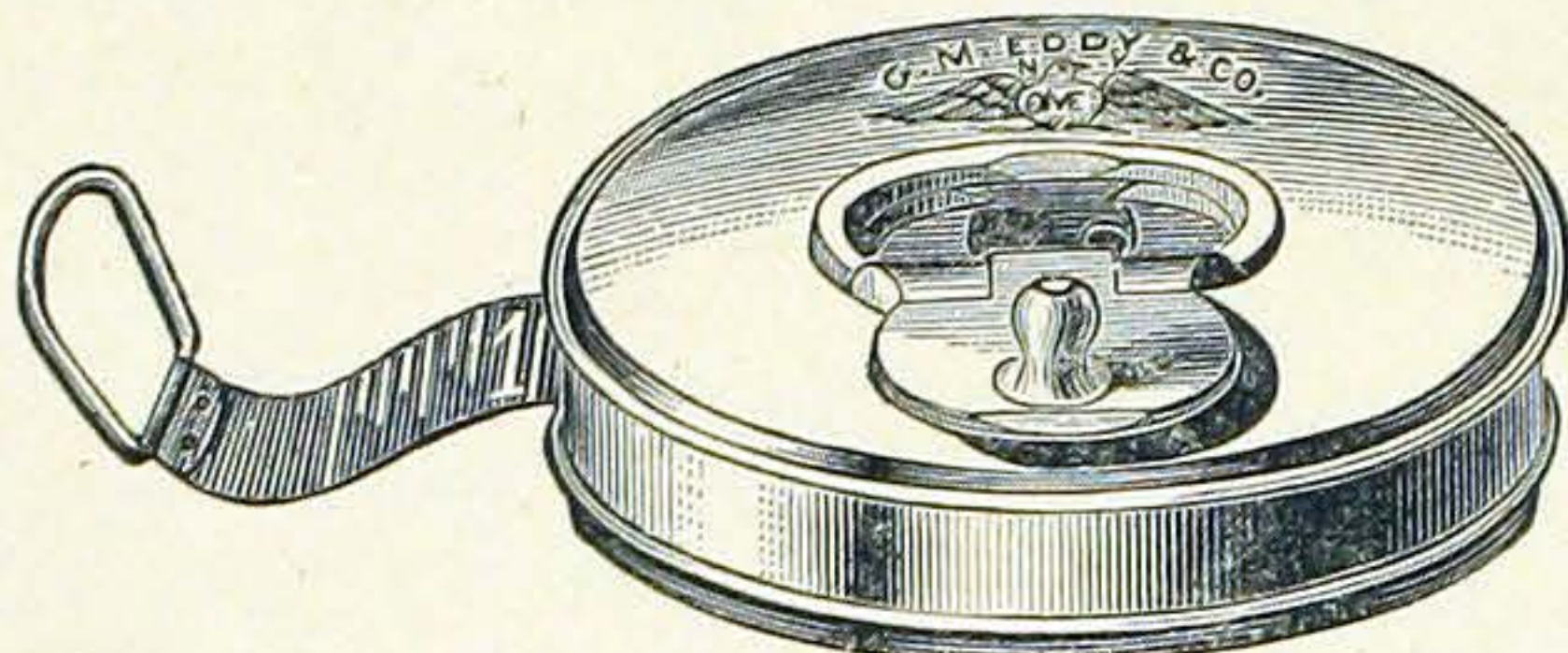


1-4 Inch Steel Tape, Nickel Plated Case.

No.	220	221	222	223	224	225	226
Feet,	3	4	5	6	8	12	15
Per dozen,	\$16.00	18.00	20.00	22.00	25.00	36.00	42.00

QUARTER DOZEN IN A BOX.

Eddy's Superior Steel Tapes.

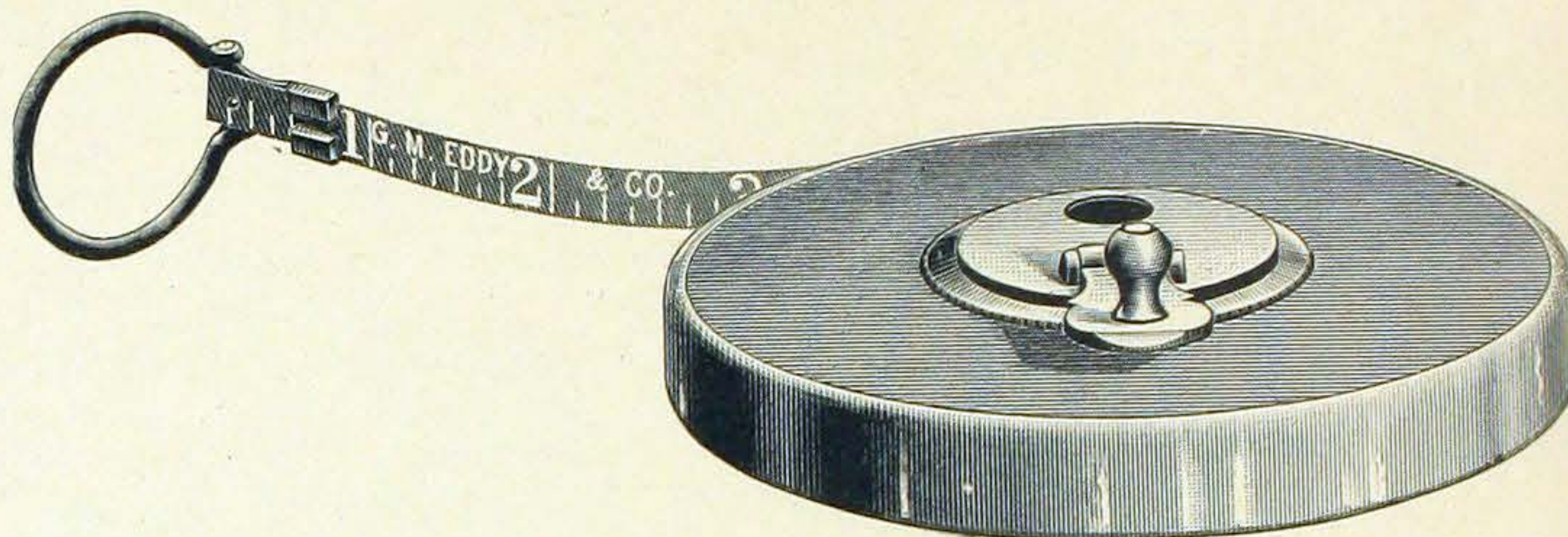


Nos. 215, 216 and 217.

5-16 Inch Steel Tape.

2 1/4 INCH NICKEL-PLATED CASE, FLUSH HANDLE.

No.	215	216	217
Feet,	20	25	33
Each,	\$5.00	5.50	6.00



Nos. 200 to 209.

Japanned Case.

No.	200	201	202	203	204	205	206	207	208	209
Feet,	5	10	15	20	25	33	50	66	75	100
Each,	\$1.50	2.00	2.50	3.00	3.50	4.50	6.00	8.00	10.00	12.00

Graduated in 10ths or 12ths of a foot, or in Metric Measure when so ordered.



Nos. 300 to 306.

3-8 Inch Steel Tape.

LEATHER COVERED CASE, METAL LINED, FLUSH HANDLE.

No.	300	301	302	303	304	305	306
Feet,	25	33	40	50	66	75	100
Each,	\$5.00	5.50	7.00	8.00	10.00	12.00	15.00

Leather-Covered Case, Flush Handle.

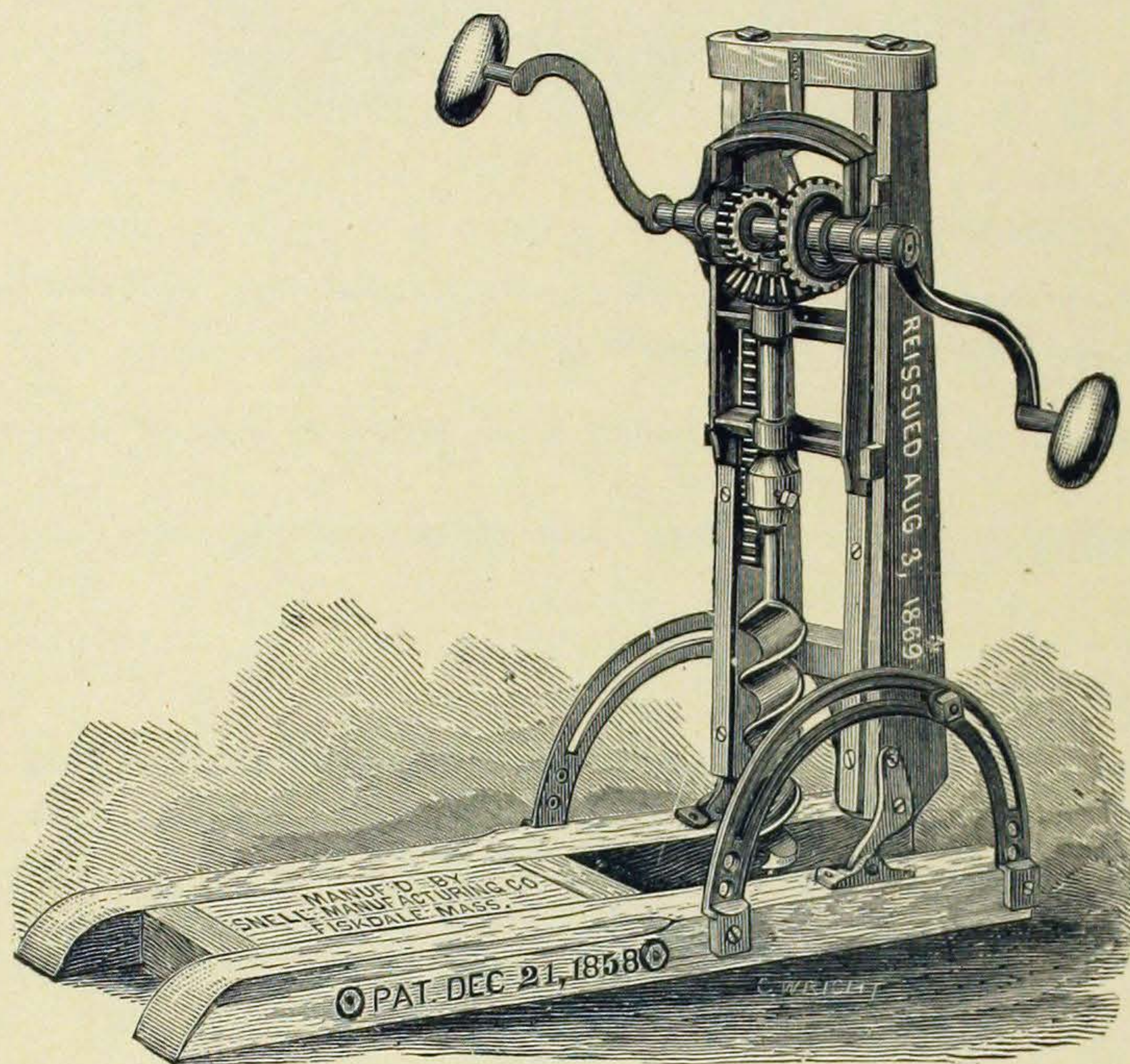
No.	210	211	212	213	214
Feet,	33	50	66	75	100
Each,	\$5.50	8.00	10.00	12.00	15.00

ONE ONLY IN A BOX.

AGENTS FOR

SNELL MANUFACTURING CO.

Snell's Rice's Patent Boring Machines.



(PATENT EXTENDED.)

Wood Top Angular.....	\$6 75 each.
Upright Machines.....	5 50 "
With Polished Gears and Extra Finish (additional) net.....	1 75 "

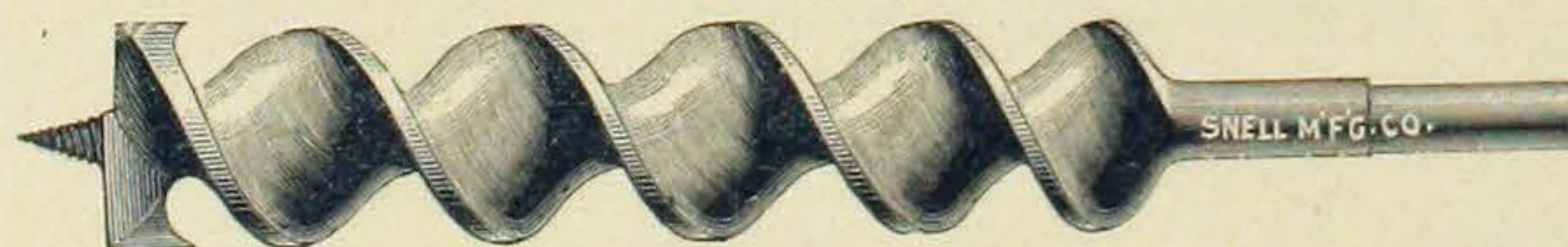
Augers fitted to the Machines and furnished without charge for fitting.

For Export, these machines are securely packed in cases, otherwise in crates.

These Boring Machines are manufactured of the best seasoned timber, and put together in the strongest manner, all their parts being made of the best material. They are unequalled in finish by any machine made.

Extra charge will be made for cases when so ordered.

Snell's Boring Machine Augers.



SIZE IN INCHES.	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
PRICE PER DOZ.	\$10 00	10 00	10 00	10 00	12 00
SIZE IN INCHES.	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
PRICE PER DOZ.	\$13 00	14 00	16 00	18 00	22 00

In Sets of 18 quarters, \$4 50 ; in Sets of 23 quarters, \$5 50; in Sets of 41 quarters, \$10 25.

Snell's Boring Machine Augers fitted for Phillips' Machines without extra charge.

Snell's First Quality Solid Cast Steel Carpenters' Nut Augers.



First Medal Awarded.

Size in Inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Price per dozen,	\$5.50	6.50	8.00	8.50	9.50	10.50	11.50	14.00	17.00	20.00
Size in Inches,	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4		
Price per dozen,	\$24.00	30.00	35.00	40.00	45.00	50.00	60.00	70.00		

These Augers are manufactured of the BEST QUALITY OF CAST STEEL AND ARE WARRANTED. They are unequalled in quality, and excellency of finish and manufacture.

Snell's Car Bits.

WARRANTED.

NINE INCH TWIST.

Size in 16ths,	4	5	6	7	8	9	10
Price per dozen,	\$6.00	6.00	6.75	8.25	9.50	10.50	12.00
Size in 16ths,	11	12	13	14	15	16	17
Price per dozen,	\$12.50	14.75	15.50	16.75	17.75	19.50	23.00

In sets of $32\frac{1}{2}$ quarters, \$13.00.

TWELVE INCH TWIST.

Size in 16ths,	4	5	6	7	8	9	10	11
Price per dozen,	\$6.50	6.50	7.50	9.00	10.25	11.25	12.75	13.25
Size in 16ths,	12	13	14	15	16	17	18	20
Price per dozen,	\$15.50	16.50	17.75	18.75	20.50	24.00	27.00	30.00

In Sets of 21 quarters, \$9.50; in Sets of 24 quarters, \$10.50; in Sets of $32\frac{1}{2}$ quarters, \$14.00.

Snell's Solid Cast Steel Long Millwright Augers.

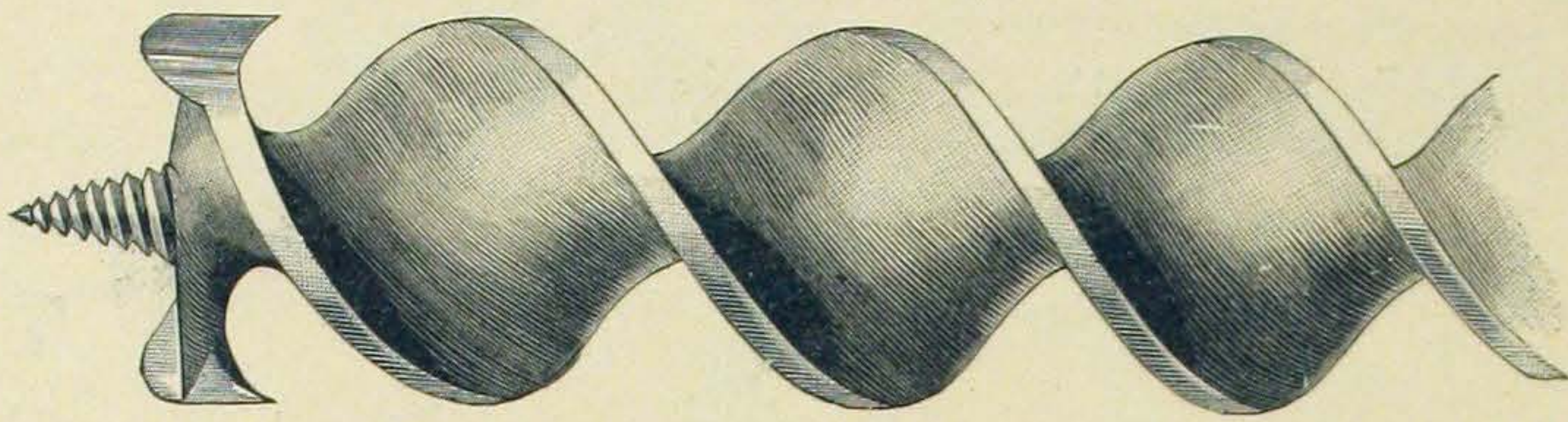
Size in Inches	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$
Price per dozen	\$12.00	15.00	15.00	18.00	18.00
Size in Inches,	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{8}$
Price per dozen,	\$21.00	21.00	24.00	24.00	26.00
					30.00
Size in Inches,	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$
Price per dozen,	\$36.00	38.50	41.00	42.00	45.00
					48.00

In Sets of 28 quarters, \$18.00; in 41 quarters, \$24.00.

For Rings, add \$1.50 to list.

Millwright
Auger.

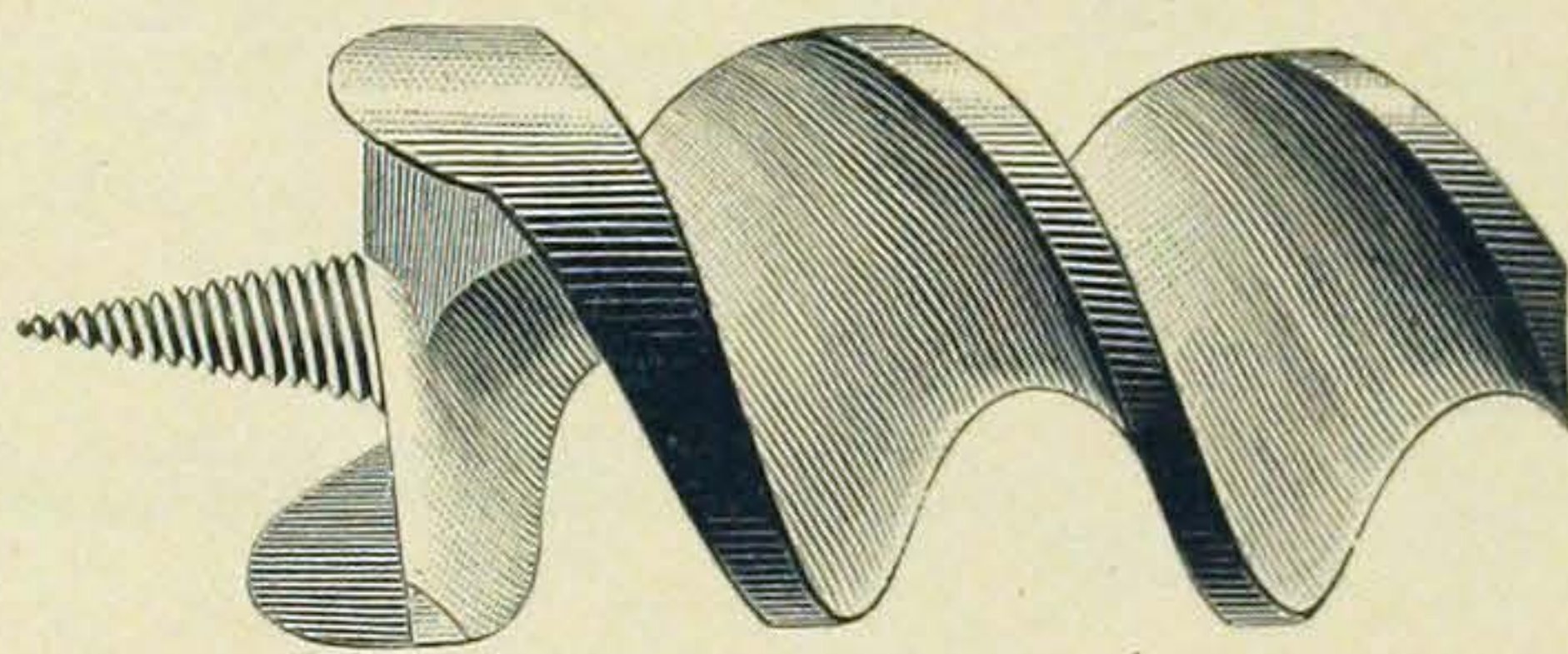
12 in
Twist
Car Bit.

Snell's Superior Quality Extra Cast Steel Auger Bits.

Size in 16ths,	3	4	5	6	7	8	9	10	11	12
Price per Dozen,	\$3.50	3.00	3.00	3.25	3.25	3.50	4.00	4.50	5.00	5.50
Size in 16ths,	13	14	15	16	17	18	20	22	24	
Price per Dozen,	\$6.00	6.50	7.25	8.00	9.00	10.00	11.00	12.00	14.00	

In Sets of 18 quarters, \$3.25 ; in Sets of 21 quarters, \$3.50 ; in Sets of 24 quarters, \$4.00 ; in Sets of 32½ quarters, \$5.50.

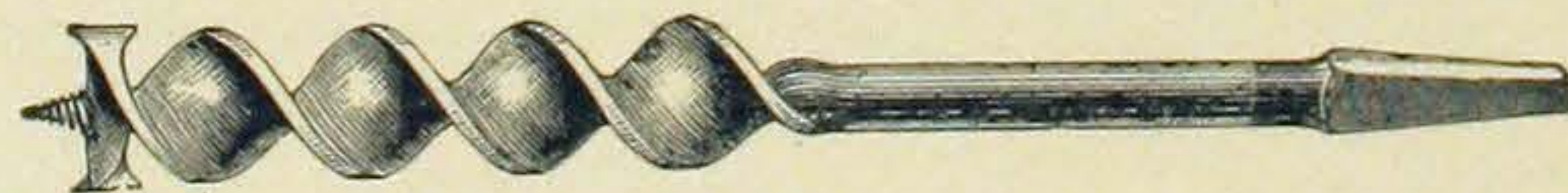
Medal and Award given to the Snell Manufacturing Company's Auger Bits for the highest standard of perfection attainable.

Snell's Russell Jennings's Pattern Auger Bits.

Size in 16ths,	4	5	6	7	8	9	10	11	12
Price per Dozen,	\$3.00	3.40	3.80	4.40	4.80	5.20	5.60	6.10	6.60
Size in 16ths,	13	14	15	16	17	18	20	22	24
Price per Dozen,	\$7.20	7.80	8.40	9.00	9.60	10.25	11.50	12.60	14.50

In Sets of 24 quarters, \$4.75 ; in Sets of 32½ quarters, \$6.25.

These Auger Bits are made equal in every respect to the genuine, and enjoy a high reputation for excellency of finish and perfection of manufacture.

Bates Manufacturing Company Double Spur First Quality Auger Bits.

Patent Rolled Twist, Superior Cast Steel.

Size in 16ths,	3	4	5	6	7	8	9	10	11	12
Price per Dozen,	\$3.50	3.00	3.00	3.25	3.25	3.50	4.00	4.50	5.00	5.50
Size in 16ths,	13	14	15	16	17	18	20	22	24	
Price per Dozen,	\$6.00	6.50	7.25	8.00	9.00	10.00	11.00	12.00	14.00	

In Sets of 18 quarters, \$3.25 ; in Sets of 21 quarters, \$3.50 ; in Sets of 24 quarters, \$4.00 ; in Sets of 32½ quarters, \$5.50.

Snell's Solid Cast Steel Long Rafting Augers.

Size in Inches,	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
Price per Dozen,	\$27.00	30.00	36.00	42.00	50.00

Size in Inches,	$2\frac{1}{2}$	$2\frac{3}{4}$	3	4
Price per Dozen,	\$60.00	63.00	70.00	84.00

With Wrought Barrel Shaped Eyes, \$3.00 net per dozen extra.

Snell's Cuban Augers.

WITH EYES OR RINGS.

Size in Inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{4}{4}$	$\frac{9}{8}$	$\frac{5}{4}$	$\frac{11}{8}$
Price per Dozen,	\$6.50	7.50	9.00	9.50	10.50	11.50	12.50	15.00

Size in Inches,	$\frac{6}{4}$	$\frac{13}{8}$	$\frac{7}{4}$	$\frac{15}{8}$	$\frac{8}{4}$	$\frac{9}{4}$	$\frac{10}{4}$	$\frac{12}{4}$
Price per Dozen,	\$15.00	18.00	19.00	21.00	22.00	27.50	33.00	45.50

Kentucky Post Augers.



Size in Inches,	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3
Price in Inches,	\$25.00	30.00	36.00	45.00	50.00	56.00

Double Spur Plug Bits.

WITH COARSE SCREWS.



Size in 16ths,	12	13	14	15	16	17	18	20	22	24
Price per Doz.,	\$5.50	6.00	6.50	7.25	8.00	9.00	10.00	11.00	12.00	14.00

Cooper's Cast Steel Doweling Bits.

TWO AND ONE-HALF INCH TWIST. SHANK FITTED TO BIT BRACE.



Size in 16ths,	3	4	5	6	7	8	9	10	11	12
Price per Doz.,	\$3.50	3.00	3.00	3.25	3.25	3.50	4.00	4.50	5.00	5.50

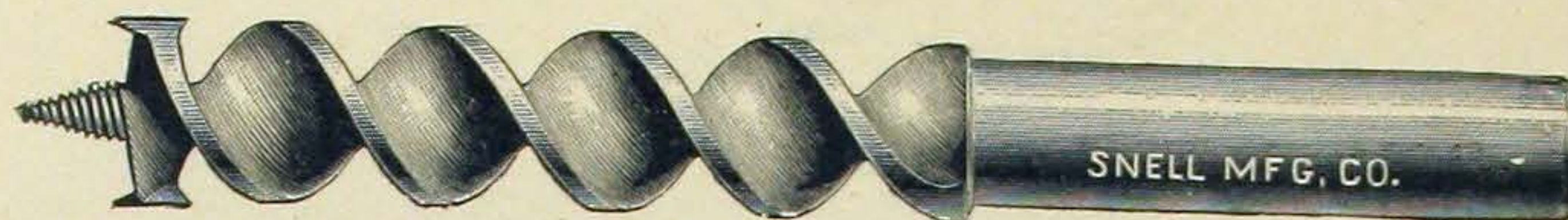


RAFTING
AUGER.



CUBAN
AUGER.

Snell's Machine Bits.



Size of Cut.	Twist 2 to 6 in. long.		Twist 6 to 9 in. long.		Twist 9 to 12 in. long.		Twist 12 to 15 in. long.		Twist 15 to 20 in. long.	
	Per Dozen.	Each.	Per Dozen.	Each.	Per Dozen.	Each.	Per Dozen.	Each.	Per Dozen.	Each.
4-16	\$6.00	\$0.55	\$6.60	\$0.60	\$7.20	\$0.65	\$7.80	\$0.70	\$8.40	\$0.80
5-16	6.50	.60	7.15	.65	7.80	.75	8.50	.80	9.10	.85
6-16	7.00	.65	7.70	.75	8.40	.80	9.10	.85	9.80	.90
7-16	8.25	.75	9.10	.85	9.90	.90	10.70	1.00	11.60	1.05
8-16	9.50	.85	10.50	.95	11.40	1.05	12.40	1.10	13.30	1.20
9-16	10.50	.95	11.50	1.05	12.60	1.15	13.70	1.25	14.70	1.35
10-16	11.50	1.05	12.65	1.15	13.80	1.25	15.00	1.35	16.10	1.50
11-16	12.50	1.15	13.75	1.25	15.00	1.35	16.25	1.50	17.50	1.60
12-16	14.00	1.25	15.40	1.40	16.80	1.50	18.20	1.65	19.60	1.75
13-16	15.50	1.40	17.00	1.55	18.60	1.65	20.20	1.80	21.70	1.95
14-16	16.75	1.50	18.50	1.65	20.10	1.80	21.80	1.95	23.50	2.10
15-16	18.00	1.60	19.80	1.75	21.60	1.95	23.40	2.10	25.20	2.25
16-16	19.50	1.70	21.50	1.90	23.40	2.10	25.40	2.20	27.30	2.40
17-16	21.00	1.85	23.10	2.05	25.20	2.25	27.30	2.40	29.40	2.60
18-16	22.50	2.00	24.75	2.20	27.00	2.35	29.25	2.60	31.50	2.75
19-16	24.00	2.10	26.40	2.30	28.80	2.50	31.20	2.75	33.60	2.95
20-16	25.50	2.25	28.00	2.50	30.60	2.70	33.20	2.95	35.70	3.15
21-16	27.00	2.35	29.70	2.60	32.40	2.85	35.20	3.05	37.80	3.30
22-16	28.50	2.50	31.40	2.75	34.20	3.00	37.00	3.26	40.00	3.50
23-16	30.00	2.60	33.00	2.85	36.00	3.15	39.00	3.35	42.00	3.60
24-16	31.50	2.75	34.70	3.00	37.80	3.30	41.00	3.60	44.10	3.85
25-16	33.00	2.85	36.30	3.15	39.60	3.40	43.00	3.70	46.20	4.00
26-16	34.50	3.00	38.00	3.30	41.40	3.60	45.00	3.90	48.30	4.20
27-16	36.00	3.10	39.60	3.40	43.20	3.75	46.80	4.05	50.40	4.35
28-16	37.50	3.25	41.25	3.55	45.00	3.90	48.75	4.25	52.50	4.55
29-16	39.00	3.35	43.00	3.70	46.80	4.05	50.70	4.40	54.60	4.70
30-16	40.50	3.50	44.50	3.85	48.60	4.20	52.70	4.55	56.70	4.90
31-16	42.00	3.60	46.25	4.00	50.40	4.35	54.60	4.70	58.80	5.05
32-16	43.50	3.75	48.00	4.15	52.20	4.50	56.60	4.90	61.00	5.25

No extra charge for turning shanks on Machine Bits of Hub Augers to any size required, provided they are straight and do not exceed 3 inches in length or 9-16 in diameter. Shanks exceeding these dimensions, either longer or larger, will be charged extra.

In making special shanks to order, we will not be held responsible for perfect fit, unless we are furnished a sample shank of exact size desired.

All bits made by odd 32nds will be charged the price of the 16th larger.

Clark's Patent Expansive Bits.

SMALL SIZE.

WITH 2 CUTTERS, ONE BORING FROM $\frac{1}{2}$ TO $\frac{7}{8}$, AND THE OTHER FROM $\frac{7}{8}$ TO $1\frac{1}{2}$ INCHES.

Per dozen, \$18 00

LARGE SIZE.

WITH 2 CUTTERS, ONE BORING FROM $\frac{7}{8}$ TO $1\frac{3}{4}$, AND THE OTHER FROM $1\frac{3}{4}$ TO 3 INCHES.

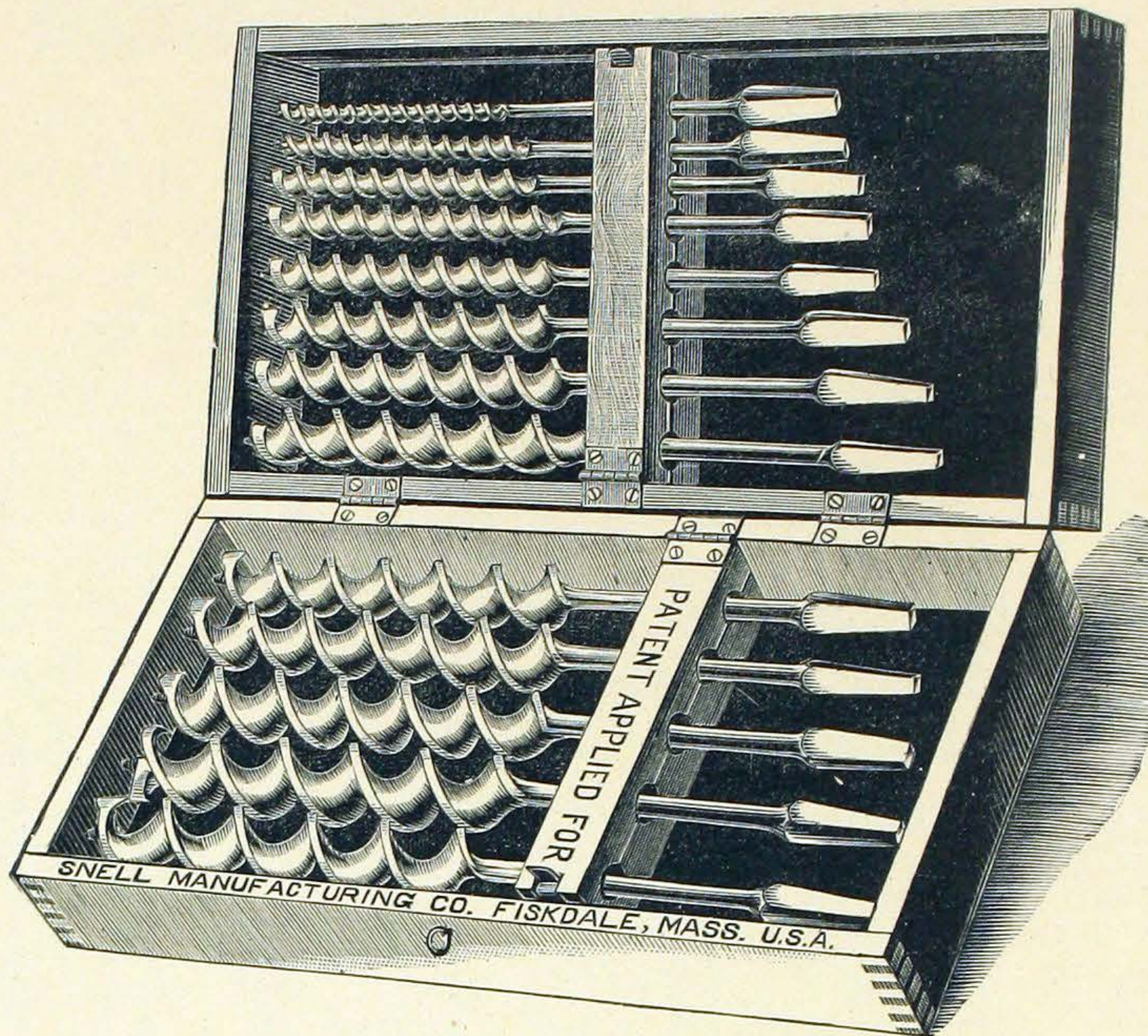
Per dozen, \$26 00

EXTRA CUTTERS.

No. 1, $\frac{1}{2}$ to $\frac{7}{8}$ inch,	Per dozen, \$3 00
" 2, $\frac{7}{8}$ to $1\frac{1}{2}$ "	" 3 75
" 3, $\frac{7}{8}$ to $1\frac{3}{4}$ "	" 5 25
" 4, $1\frac{3}{4}$ to 3 "	" 6 00
" 5, 3 to 4 "	" 9 00

Snell's Auger Bits,

IN FANCY WOODEN CASES.



The Auger Bits are securely held in place by Snell's Patent Fastenings.

No. 50—Bate's Auger Bits, 32½ qrs., in Fancy Cases	\$4 00 per Set.
No. 100—Snell's Auger Bits, 32½ qrs., in Fancy Cases	5 00 "
No. 200—Snell's Jennings' Pattern Auger Bits, 32½ qrs., in Fancy Cases	6 00 "

German Pattern Bits.

Made from Best Cast Steel, Hardened and Tempered.



No.	2	3	4	5	6	7	8	9	10	11	12
Price per Dozen,	\$1 00	1 10	1 10	1 10	1 10	1 10	1 10	1 25	1 25	1 50	1 50

Assorted, 4 to 8-32, \$1 10.

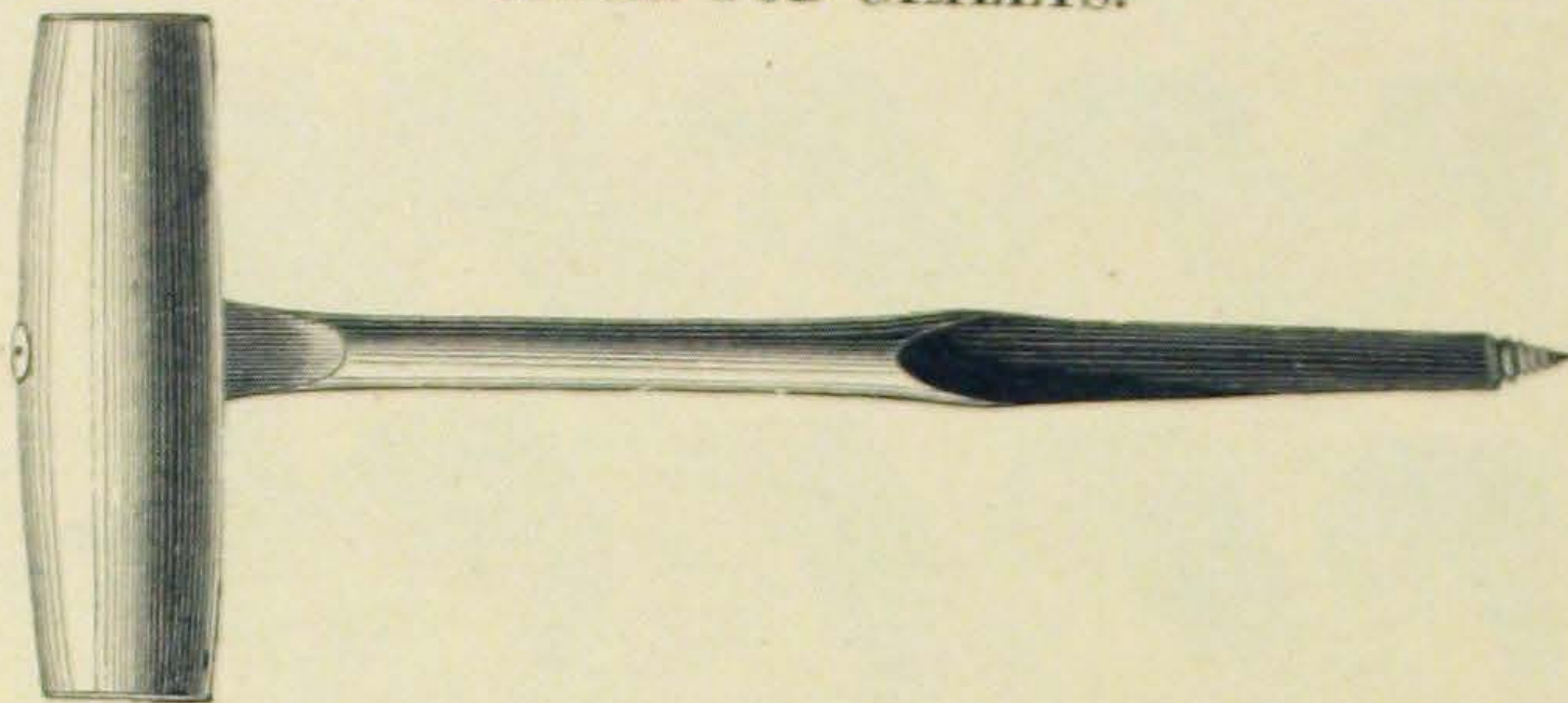
Double Cut Gimlet Bits.

All Tempered and Extra Finished.



No.	0	1	2	3	4	5	6
Price per Dozen,	\$1 00	1 00	1 10	1 25	1 37	1 50	1 62

Assorted, 1 to 6, \$1 62.

TAPER POD GIMLETS.

Per gross,

Made in four sizes. Put up in dozen boxes.

\$12.00

COUNTERSINK GIMLET BITS.

Per dozen,

Assorted for $\frac{3}{4}$, $1\frac{1}{4}$ and $1\frac{1}{2}$ Screws.

\$2.00

TAPER POD GIMLET BITS.

Per gross, with Screws,

Made in four sizes. Put up assorted, one dozen in a box.

\$12.00

EXTRA SCREW-DRIVER BITS.

A Pattern much liked by Mechanics.



Per dozen,

\$1.50

MAPLE TREE, OR TAPPING BITS.

Size in 16ths,

Price per dozen,

8
\$4.0010
5.50

These have a coarse thread on screw, and are made with care especially for tapping maple trees.

SUPERIOR OIL TEMPERED NAIL SETS.

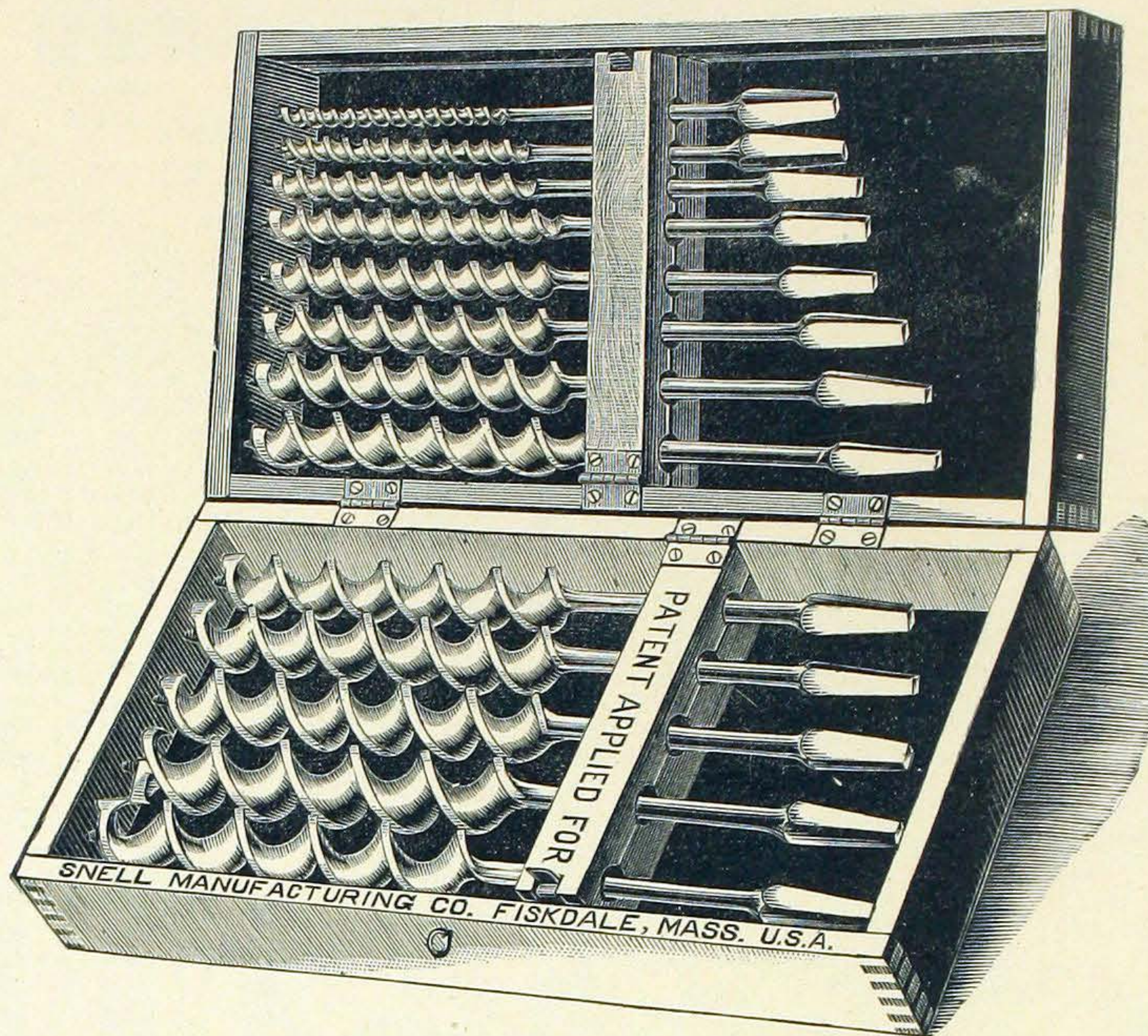
Per dozen, assorted,

Made in four sizes, one dozen in a box.

\$0.75

Snell's Auger Bits,

IN FANCY WOODEN CASES.



The Auger Bits are securely held in place by Snell's Patent Fastenings.

No. 50—Bate's Auger Bits, 32½ qrs., in Fancy Cases	\$4 00 per Set.
No. 100—Snell's Auger Bits, 32½ qrs., in Fancy Cases	5 00 “
No. 200—Snell's Jennings' Pattern Auger Bits, 32½ qrs., in Fancy Cases	6 00 “

German Pattern Bits.

Made from Best Cast Steel, Hardened and Tempered.



No.	2	3	4	5	6	7	8	9	10	11	12
Price per Dozen,	\$1 00	1 10	1 10	1 10	1 10	1 10	1 10	1 25	1 25	1 50	1 50

Assorted, 4 to 8-32, \$1 10.

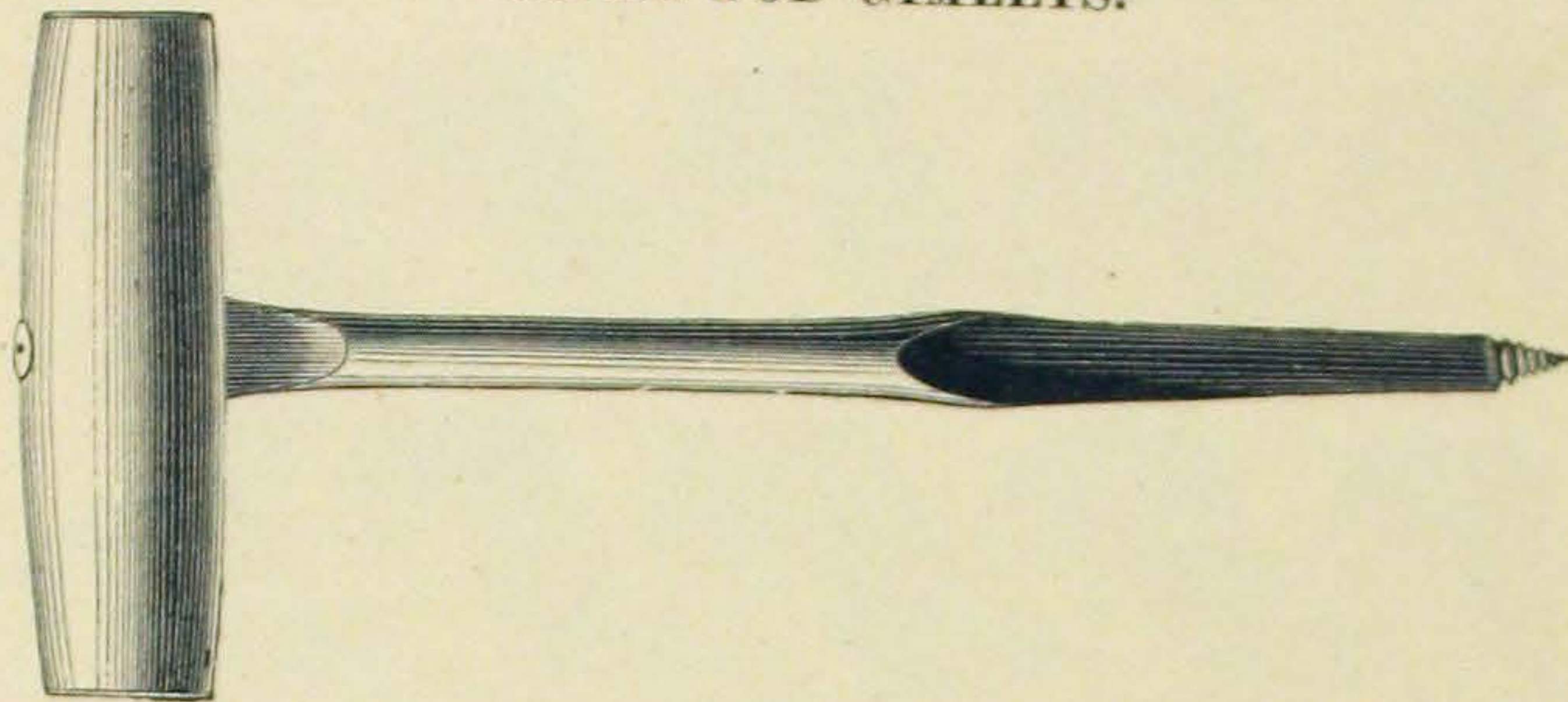
Double Cut Gimlet Bits.

All Tempered and Extra Finished.



No.	0	1	2	3	4	5	6
Price per Dozen,	\$1 00	1 00	1 10	1 25	1 37	1 50	1 62

Assorted, 1 to 6, \$1 62.

TAPER POD GIMLETS.

Per gross,

Made in four sizes. Put up in dozen boxes.

\$12.00

COUNTERSINK GIMLET BITS.

Per dozen,

Assorted for $\frac{3}{4}$, $1\frac{1}{4}$ and $1\frac{1}{2}$ Screws.

\$2.00

TAPER POD GIMLET BITS.

Per gross, with Screws,

Made in four sizes. Put up assorted, one dozen in a box.

\$12.00

EXTRA SCREW-DRIVER BITS.

A Pattern much liked by Mechanics.



Per dozen,

\$1.50

MAPLE TREE, OR TAPPING BITS.

Size in 16ths,

Price per dozen,

8
\$4.0010
5.50

These have a coarse thread on screw, and are made with care especially for tapping maple trees.

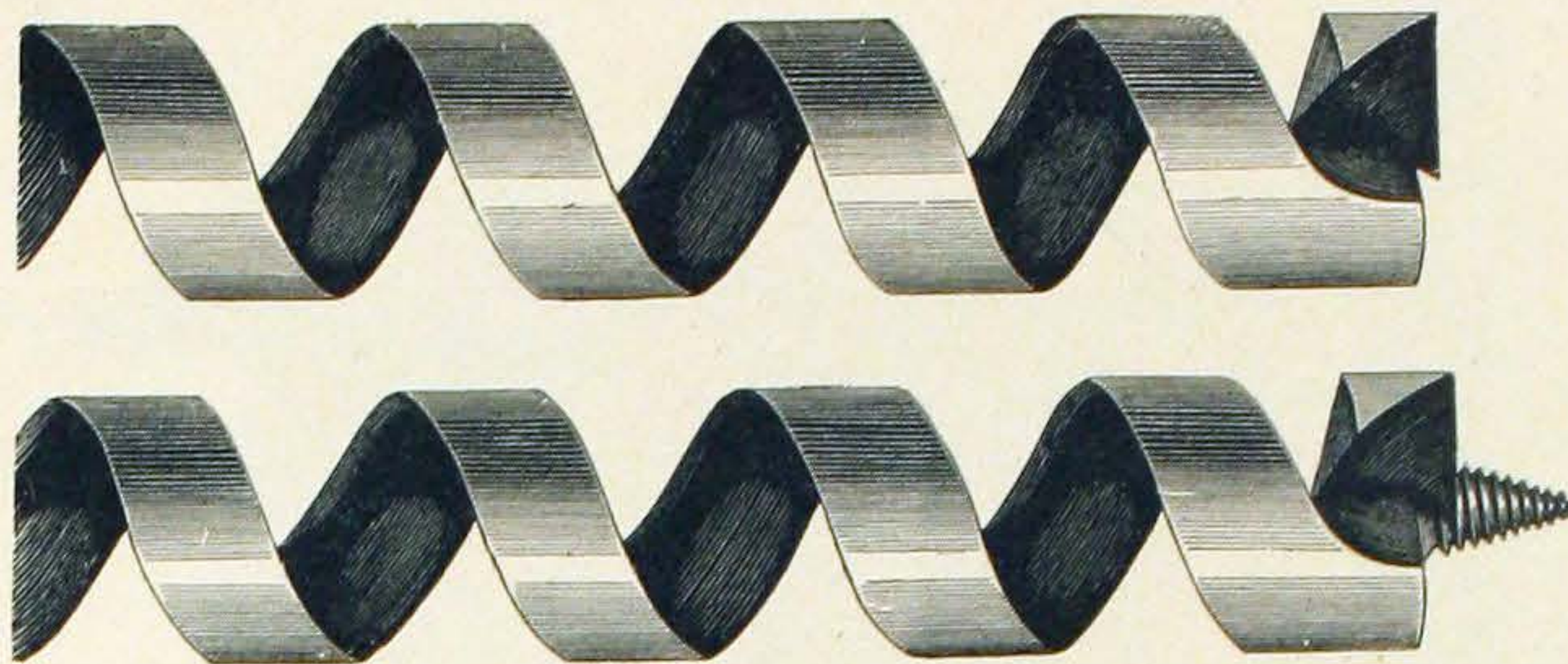
SUPERIOR OIL TEMPERED NAIL SETS.

Per dozen, assorted,

Made in four sizes, one dozen in a box.

\$0.75

Snell's Ship Augers, with and without Screws.



Size in 8ths.	2 to 4	4½ and 5	5½ and 6	6½ and 7	7½ and 8
Price per Doz.	\$7.50	9.00	10.50	12.00	13.50
Size in 8ths.	8½ and 9	9½ and 10	10½ and 11	11½ and 12	12½ and 13
Price per Doz.	\$15.00	16.50	18.00	21.00	24.00
Size in 8ths.	13½ and 14	14½ and 15	15½ and 16	16½ and 17	17½ and 18
Price per Doz.	\$25.50	27.00	31.50	48.00	60.00
Size in 8ths.	18½ and 19	19½ and 20	20½ and 21	21½ and 22	
Price per Doz.	\$72.00	84.00	96.00	108.00	
Size in 8ths.	22½ and 23	23½ and 24	29½ and 30	35½ and 36	
Price per doz.	\$120.00	132.00	204.00	276.00	

Ship Augers of extra length twist made to order, Shanks being left in any shape or length desired.

Snell's Ship Augers with Rings.



Size in 8ths.	4 and under.	4½ and 5	5½ and 6	6½ and 7	7½ and 8
Price per Doz.	\$8.25	9.90	11.55	13.20	14.85
Size in 8ths.	8½ and 9	9½ and 10	10½ and 11	11½ and 12	12½ and 13
Price per Doz.	\$16.50	18.15	19.80	23.10	26.40
Size in 8ths.	14½ and 15	15½ and 16	16½ and 17	17½ and 18	18½ and 19
Price per Doz.	\$29.70	34.65	52.80	66.00	79.20
Size in 8ths.	20½ and 21	21½ and 22	22½ and 23	23½ and 24	25 and 30
Price per Doz.	\$105.60	118.80	132.00	145.20	224.40
					303.60

These Augers are designed especially for boring *hard wood*. In ordering be particular to state whether wanted *with* or *without* screws.

Snell's Single Twist Boring Machine Ship Augers.



Size in Inches.	½	⅝	¾	⅞	1
Price per Doz.	\$8.25	10.00	11.50	13.25	15.00
Size in Inches.	1⅛	1¼	1½	1¾	2
Price per Doz.	\$16.50	18.20	23.10	28.00	34.50

In Sets of 18 quarters, \$6.25 ; 23 quarters, \$7.75 ; 41 quarters, \$13.75.

These Augers are designed for *hard wood*.

Snell's Ship Auger Bits.

WITH AND WITHOUT SCREWS.



SIZE IN 8THS.	2 to 4	4½ and 5	5½ and 6	6½ and 7
PRICE PER DOZ.	\$6.00	7.50	9.00	10.50
SIZE IN 8THS.	7½ and 8	8½ and 9	9½ and 10	
PRICE PER DOZ.	\$12.00	13.50	15.00	

SHIP AUGER BITS IN SETS—one each from 2 to 8 8ths—\$8.00 per Set.

Snell's Ship Auger Pattern Car Bits.

TWELVE INCH TWIST.

SIZE IN 8THS.	2½	3	3½	4	4½	5	5½	6	6½
PRICE PER DOZ.	\$8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50
SIZE IN 8THS.	7	7½	8	8½	9	9½	10	10½	11
PRICE PER DOZ.	\$13.00	14.00	14.50	15.50	16.00	17.00	17.50	18.50	19.00
SIZE IN 8THS.	11½	12	12½	13	13½	14	14½	15	
PRICE PER DOZ.	\$21.50	22.00	25.00	25.50	26.00	26.50	27.50	28.00	

Ship Augers with Extra Length Twist.

For Bridge Builders, Dock Builders, Railroad use, and especially designed for Car Builders, Wagon Makers and Millwrights.

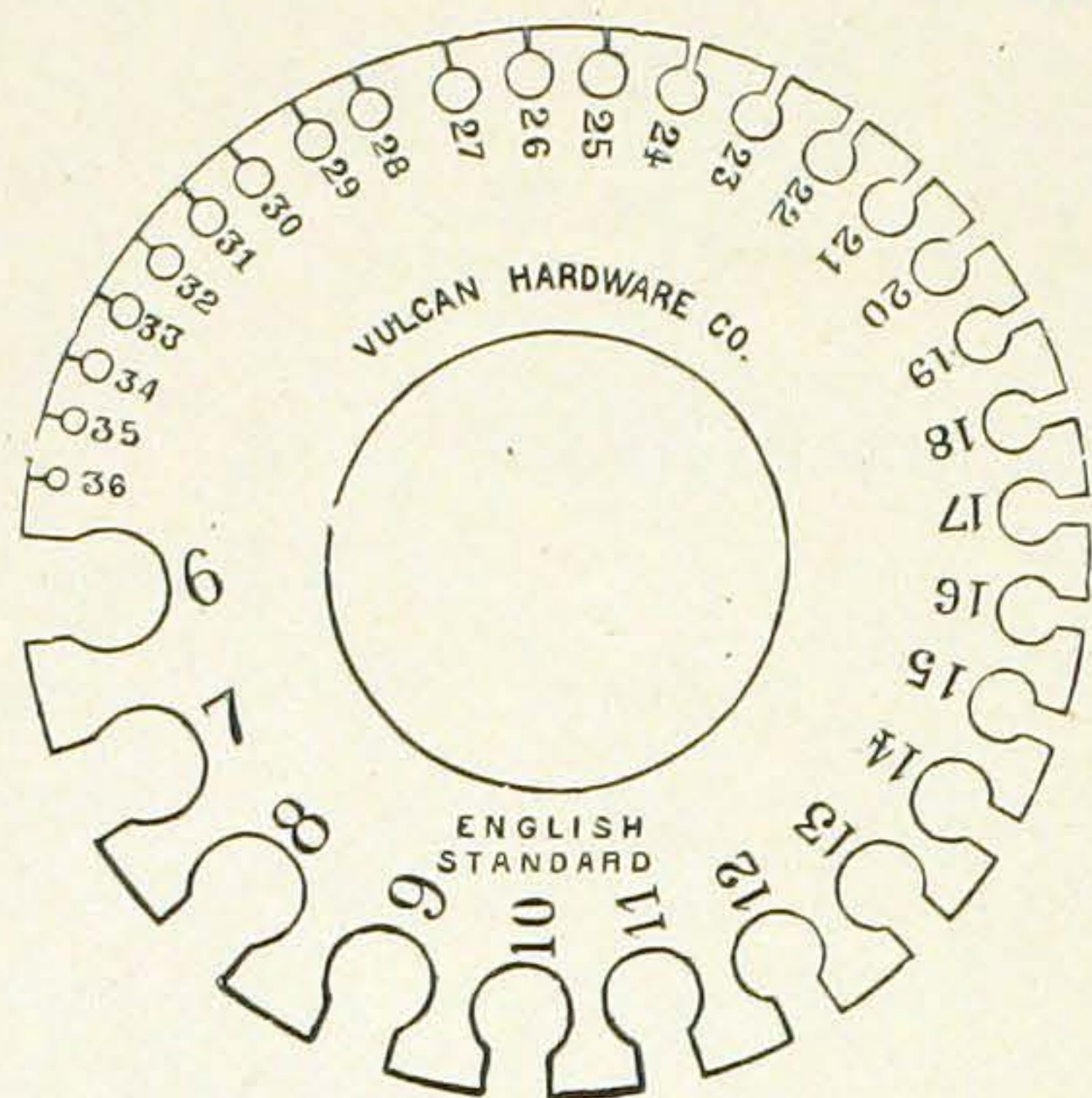
PRICES WITH OR WITHOUT SCREWS.

LENGTH OF TWIST AND PRICE PER DOZEN.

Size in 16ths.	18 in.	20 in.	22 in.	24 in.	30 in.	36 in.
8 and under,	\$ 9.60	\$11.52	\$13.44	\$15.63	\$17.28	\$19.20
9	10.80	12.96	15.12	17.28	19.44	21.60
10	12.00	14.40	16.80	19.20	21.60	24.00
11	13.20	15.84	18.48	21.12	23.76	26.40
12	14.40	17.28	20.16	23.04	25.92	28.80
13	15.60	18.72	21.84	24.96	28.08	31.20
14	16.80	20.16	23.52	26.88	30.24	33.60
15	18.00	21.60	25.20	28.80	32.40	36.00
16	19.20	23.04	26.88	30.72	34.56	38.40
17	20.40	24.48	28.56	32.64	36.72	40.80
18	21.60	25.92	30.24	34.56	38.88	43.20
19	22.80	27.36	31.92	36.48	41.04	45.60
20	24.00	28.80	33.60	38.40	43.20	48.00
21	25.20	30.24	35.28	40.32	45.36	50.40
22	26.40	31.68	36.96	42.24	47.52	52.80
23	27.60	33.12	38.64	44.16	49.69	55.20
24	28.80	34.56	40.32	46.08	51.84	57.60
25	30.00	36.00	42.00	48.00	54.00	60.00
26	31.20	37.44	43.68	49.92	56.16	62.40
27	32.40	38.88	45.36	51.84	58.32	64.80
28	33.60	40.32	47.04	53.76	60.48	67.20
29	34.80	41.76	48.72	55.68	62.64	69.60
30	36.00	43.20	50.40	57.60	64.80	72.00
31	37.20	44.64	52.08	59.52	66.96	74.40
32	38.40	46.08	53.76	61.44	69.12	76.80

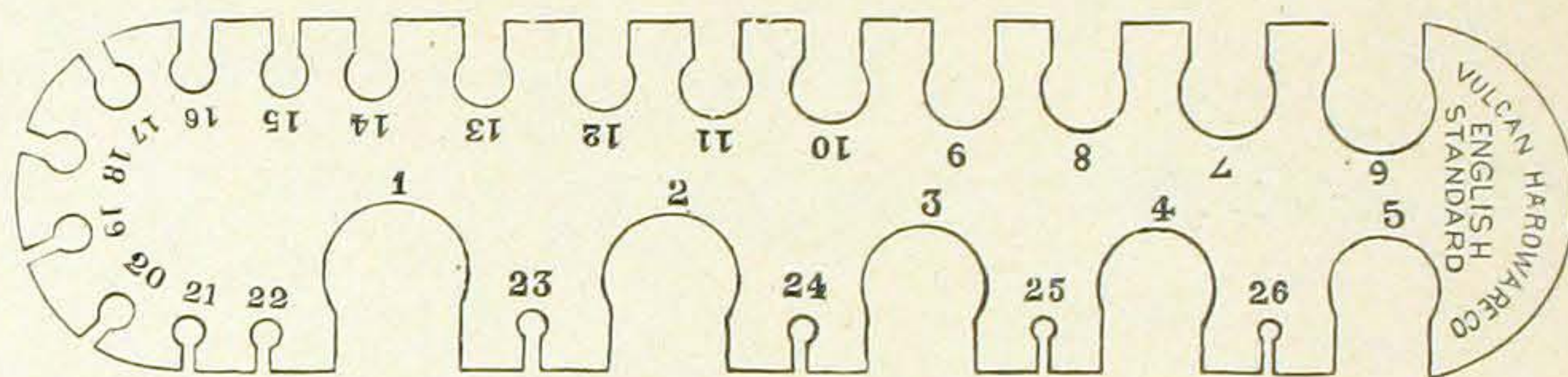
VULCAN HARDWARE CO.

CAST STEEL WIRE GAUGES.



Small Round, Nos. 6 to 30,	per dozen, \$10.00
" " " 6 to 36,	" 12.00
Large " " 1 to 30,	" 16.00
" " " 0 to 36,	" 20.00

Small Oblong, Nos. 1 to 26,	per doz., \$15.00
" " " 0 to 36,	" 20.00
Sliding " " 0 to 27,	" 48.00



Howe's Patent Family Glue Pot.



Per dozen, \$5.00

It is with pleasure that we offer you the Family Glue Pot at reduced prices. From the large sales in the past we are convinced that it supplies a necessity long felt where glue is required—in the family, store, bank and office. The glue is prepared in a manner to prevent all decay or mould. It is always ready for use and will save many dollars. They are packed half a dozen in a box and six dozen in a case.

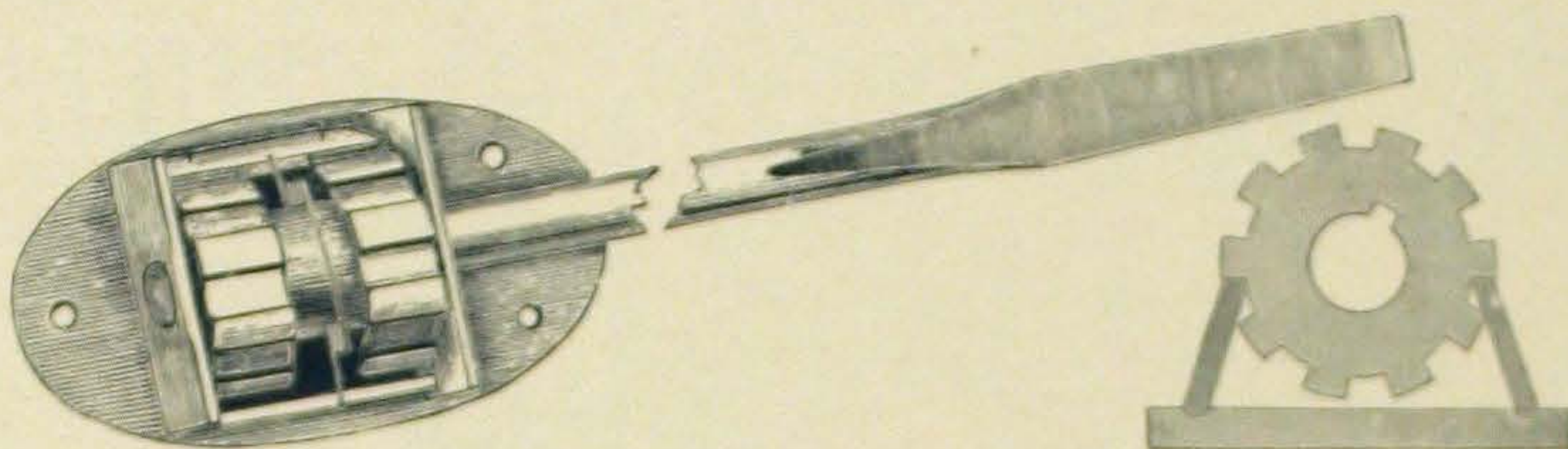
We hope to receive your liberal orders for this desirable article.

AGENTS FOR

GAY & PARSONS,

MANUFACTURERS OF

Double Action Ratchet, Star and Solid Screw-Drivers; also, the Interchangeable Screw-Driver Sets,
DOUBLE ACTION RATCHET SCREW-DRIVER.



ABOVE CUT SHOWS CONSTRUCTION.

This screw-driver combines greater strength, convenience and durability than was ever obtained in a common driver.

The increase of strength is obtained by having the strain come upon the teeth of a *Steel Ratchet*, which is inserted into the largest part of the handle, and strongly supported. The diameter of this ratchet is larger than the diameter of the wood at the ferrule, which is the weakest point in a common driver. This invention gives us steel in place of wood for increasing strength. The action is very direct and simple, and will last a life-time.

Simply sliding the button from one side of the plate to the other, throws one pawl out and lets another into the teeth of the ratchet, changing from a right to a left hand action instantly; or, by leaving the button midway, the blade remains stationary, like a common driver.

This direct action of the ratchet allows the pressure to be retained against the screw as firmly while turning the hand back as when turning the screw ahead.

Retaining the pressure continuously, of course enables one to carry the hand much steadier, and the blade is far less liable to slip out of the slot and mar the work.

We claim this to be one of the greatest improvements ever made in screw-drivers, as by it screws may be driven in much less time, and with great saving of patience.

It is invaluable for hanging doors and blinds, putting up curtain fixtures, and all other kinds of work where a common driver is found unhandy or inconvenient on account of its liability to slip out of the slot.

The ratchet mechanism consists of the well known system of SQUARE TOOTHED RATCHET and PAWLS, which has stood the test of ages, and has become the accepted and acknowledged standard wherever ratchet movement is required. In applying this principle to our driver we have been able to arrange and proportion the various parts so as to combine the greatest possible STRENGTH AND DURABILITY, and still retain that symmetry of form and elegance of style so desirable and necessary in first-class tools.

The above cut shows the action or mechanism complete; also an end view of the ratchet and pawls, to which we wish particularly to call your attention, as in all ratchet movements, of whatever kind or nature, the RATCHET must be the principal and most important part employed.

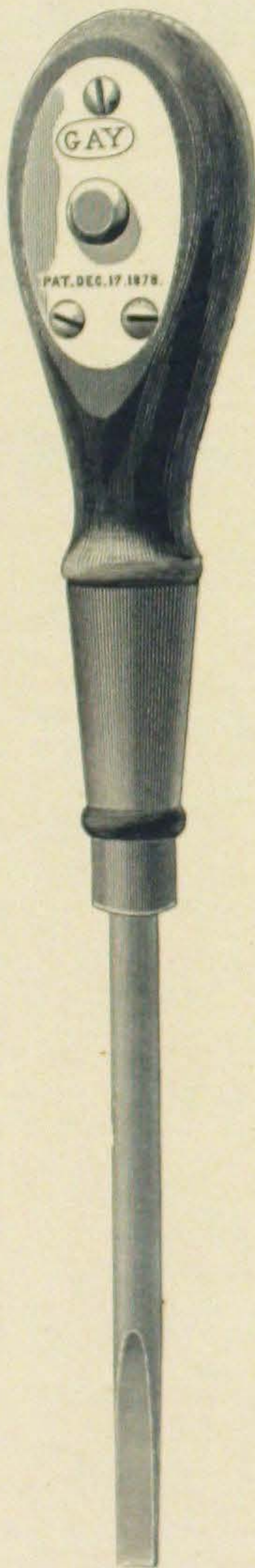
Our ratchet, as is shown by the cut, is a solid cylinder, or roll, with SQUARE TEETH, into which the pawls engage on either side. This arrangement of ratchet and pawls is believed to be the most RELIABLE in practical use, as the square teeth of the ratchet, in combination with the square ends of the pawls, make slipping and wearing an impossibility, a defect which occurs in friction-clutch or ratchet movements, where square corners or sharp angles cannot be used.

Our ratchets and pawls are made from BAR STEEL, and are EXTRA LONG, giving a great length of bearing to resist strain and wear.

The blades are HAND FORGED from the best quality of steel, carefully tempered and tested. The best of material is used throughout.

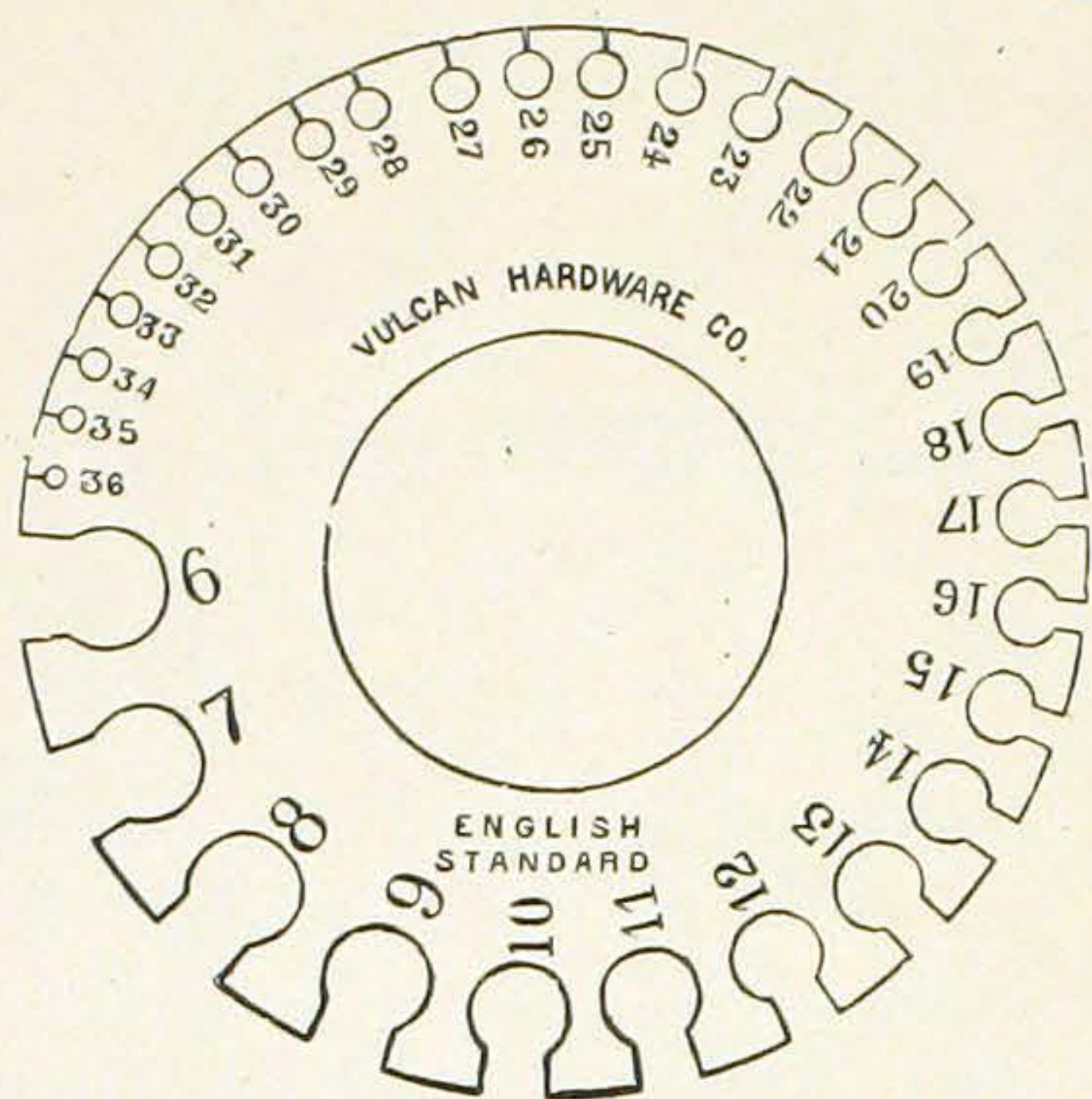
PRICE LIST.

4 inch,	per dozen, \$9.00	8 inch,	per dozen, \$13.50
5 "	" 10.20	10 "	" 15.00
6 "	" 12.00	12 "	" 16.50



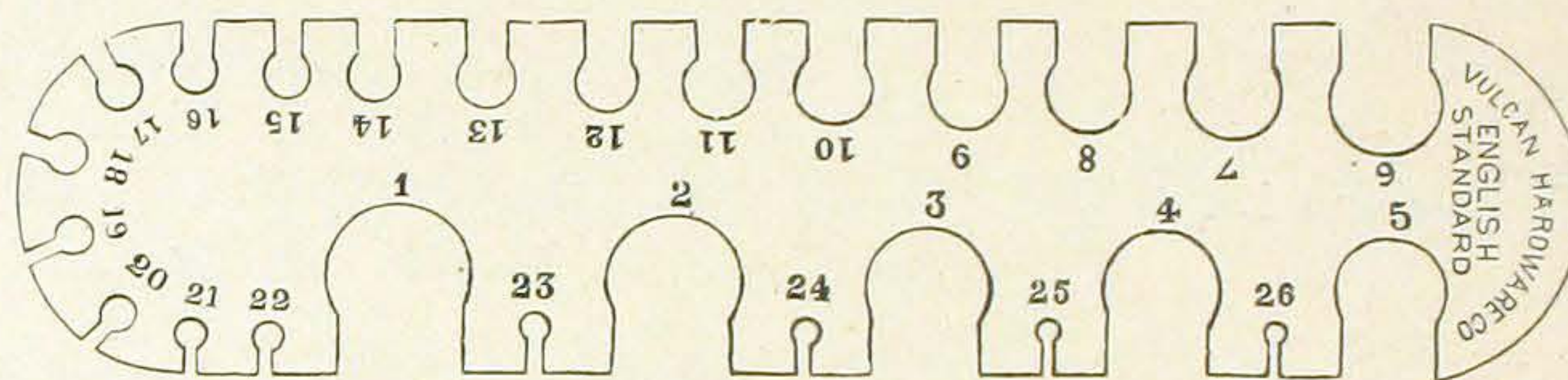
VULCAN HARDWARE CO.

CAST STEEL WIRE GAUGES.

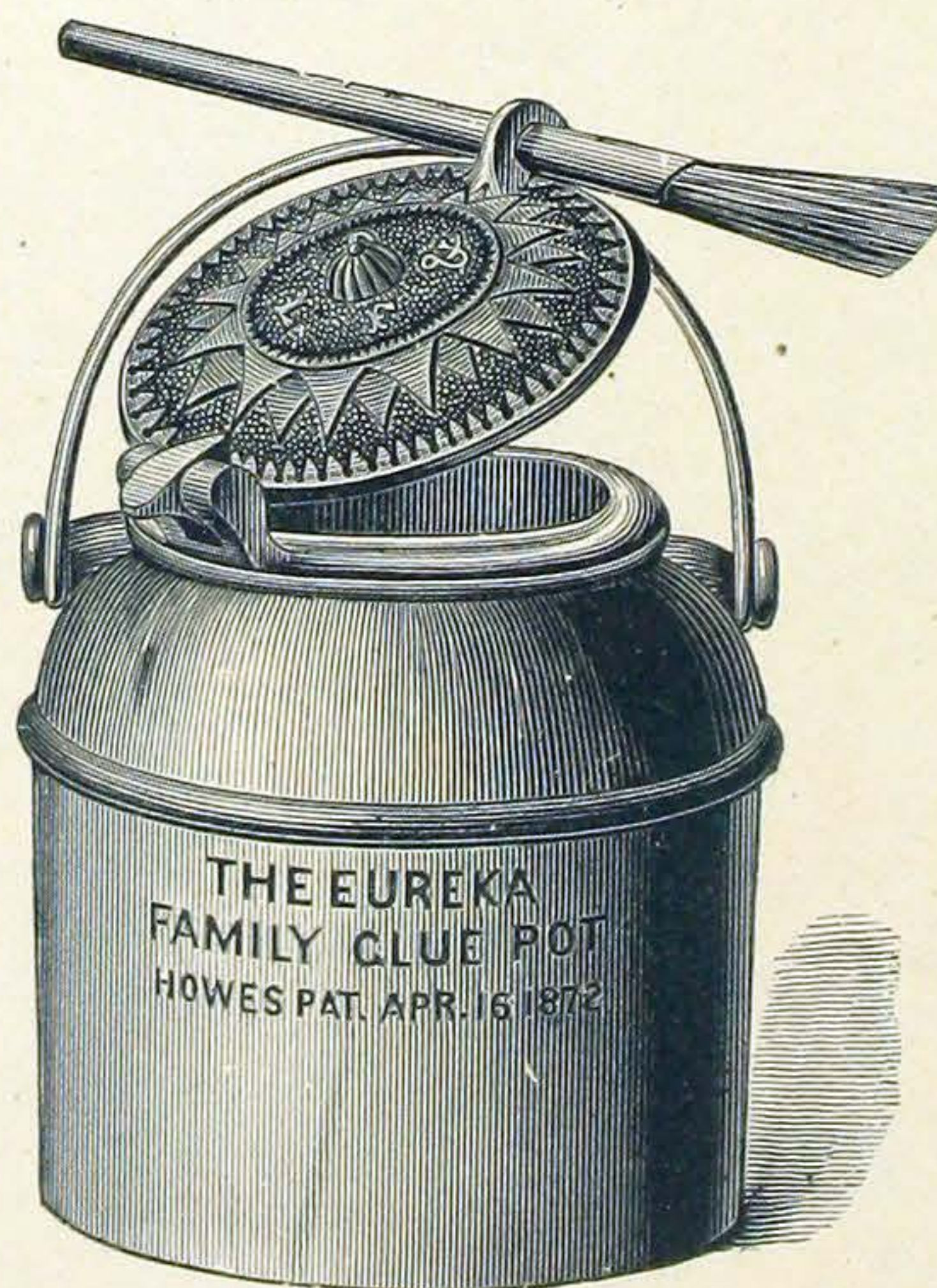


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" " " 6 to 36,	" 12.00
Large " " 1 to 30,	" 16.00
" " " 0 to 36,	" 20.00

Small Oblong, Nos. 1 to 26,	per doz., \$15.00
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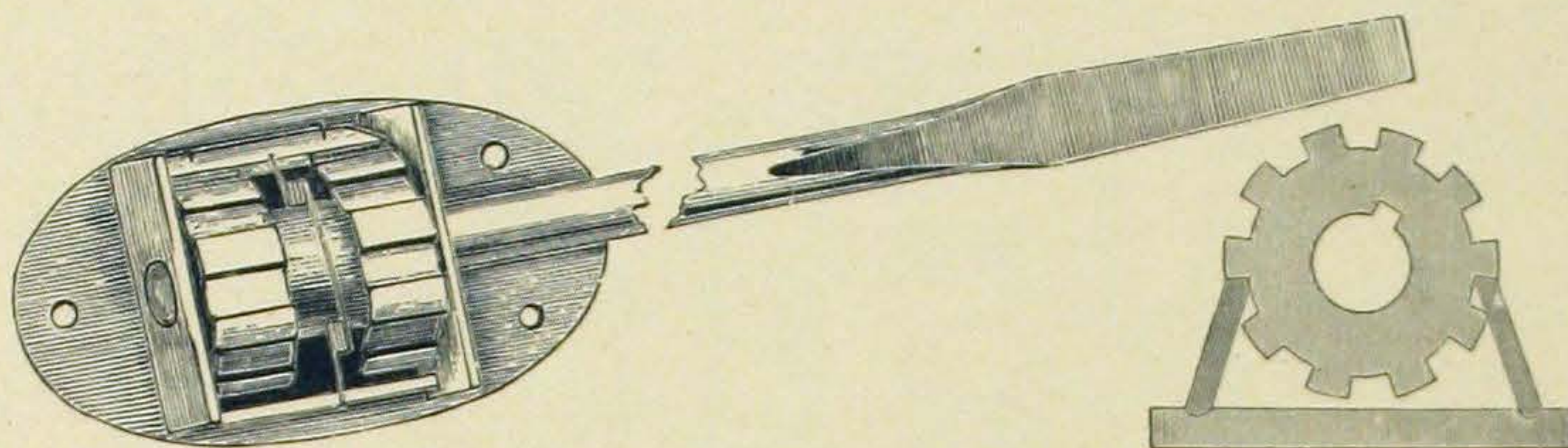
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The above cut shows the action or mechanism complete; also an end view of the ratchet and pawls, to which we wish particularly to call your attention, as in all ratchet movements, of whatever kind or nature, the RATCHET must be the principal and most important part employed.

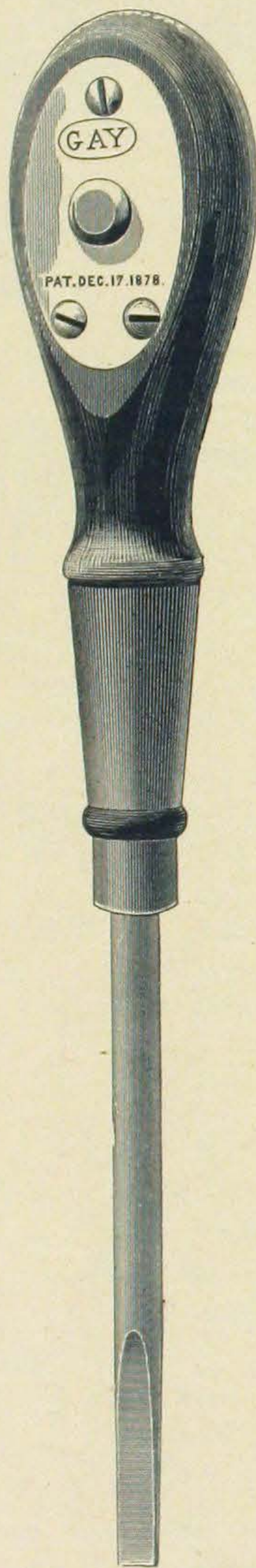
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Our ratchets and pawls are made from BAR STEEL, and are EXTRA LONG, giving a great length of bearing to resist strain and wear.

The blades are HAND FORGED from the best quality of steel, carefully tempered and tested. The best of material is used throughout.

PRICE LIST.

4 inch,	per dozen, \$9.00	8 inch,	per dozen, \$13.50
5 "	" 10.20	10 "	" 15.00
6 "	" 12.00	12 "	" 16.50



AGENTS FOR

CHANTRELL TOOL CO.

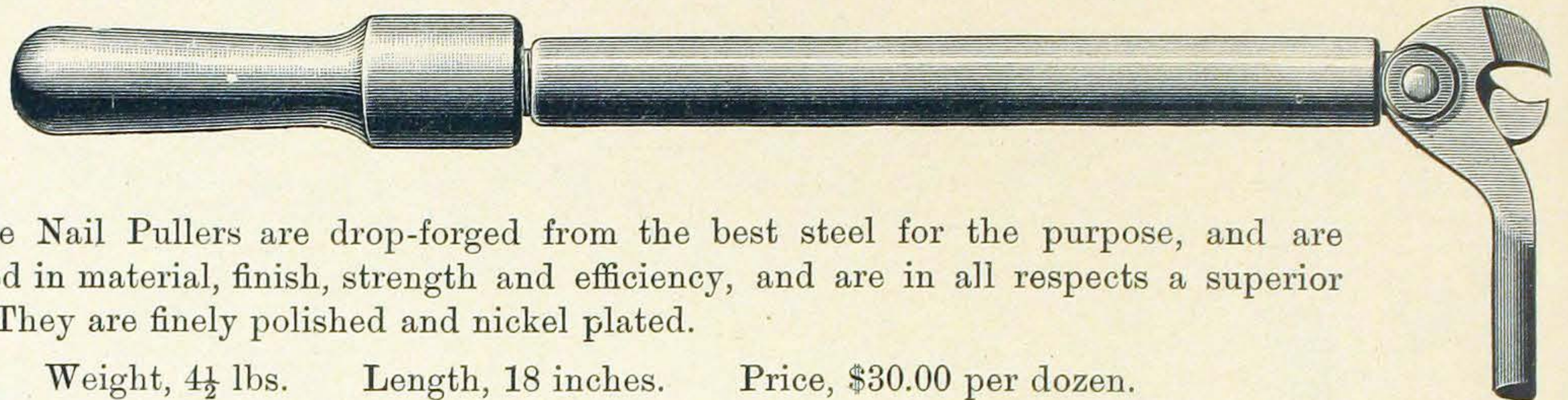
THE NEW 1890 NAIL PULLER.

No Mashing of Hands.

Pulls Nails Straight.

Pulls any kind of Nail.

Pulls the Nail every time.



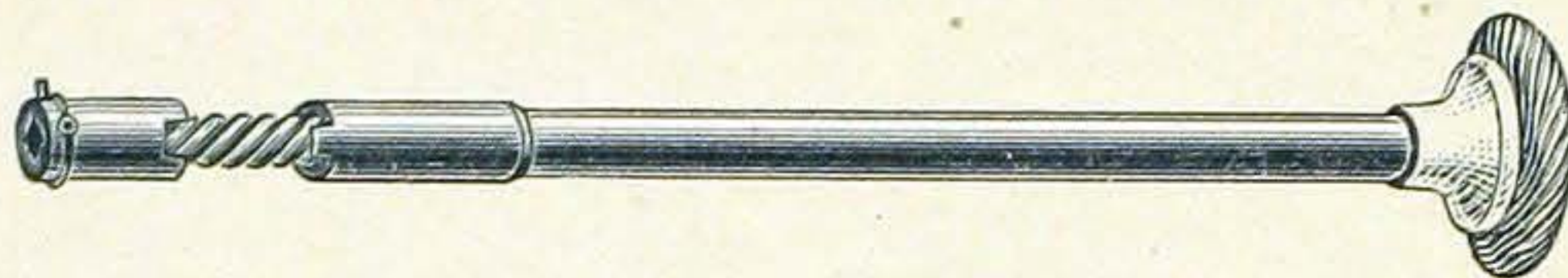
These Nail Pullers are drop-forged from the best steel for the purpose, and are unequalled in material, finish, strength and efficiency, and are in all respects a superior article. They are finely polished and nickel plated.

Weight, 4½ lbs.

Length, 18 inches.

Price, \$30.00 per dozen.

Standard Spiral Screw Driver.

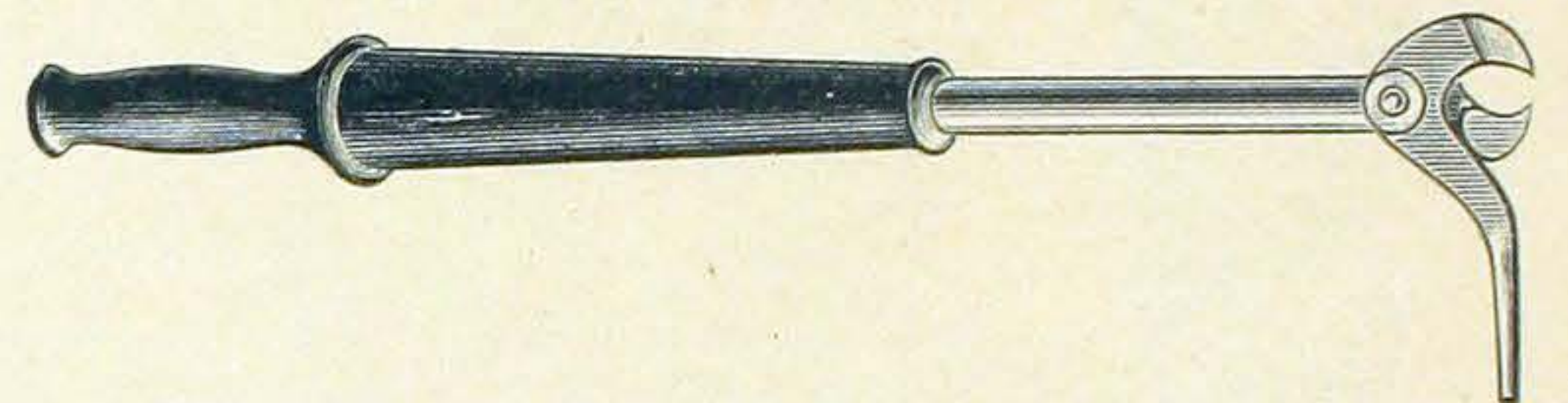


Patented July 3, 1888.

For driving Screws easily and rapidly.

Price, \$30.00 per dozen.

No. 1891 Nail Puller.

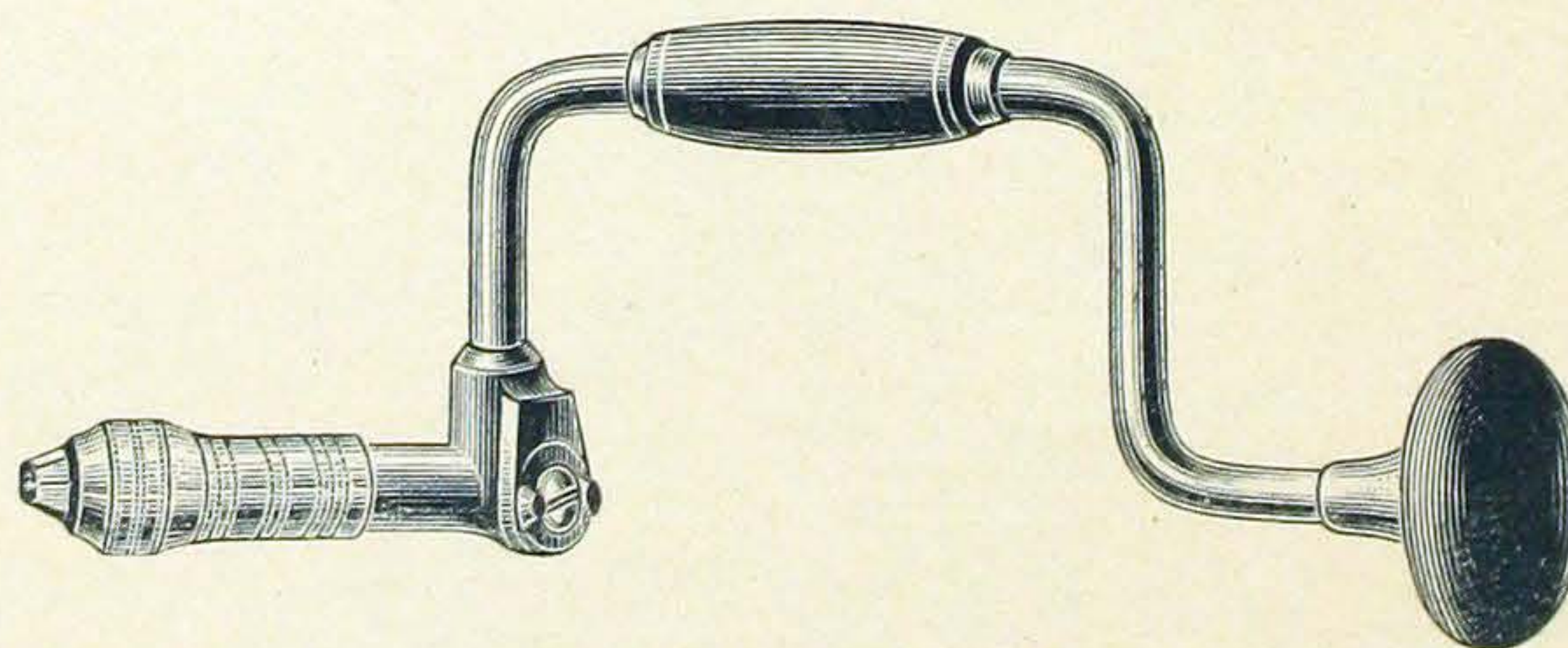


(Patent applied for).

Weight, 5 lbs.

Price, \$30.00 per dozen.

STANDARD RATCHET BIT BRACE.



Standard Ratchet Brace.

128— 8 in. Sweep, per dozen,	\$33.00
130—10 in. " "	36.00
132—12 in. " "	39.00

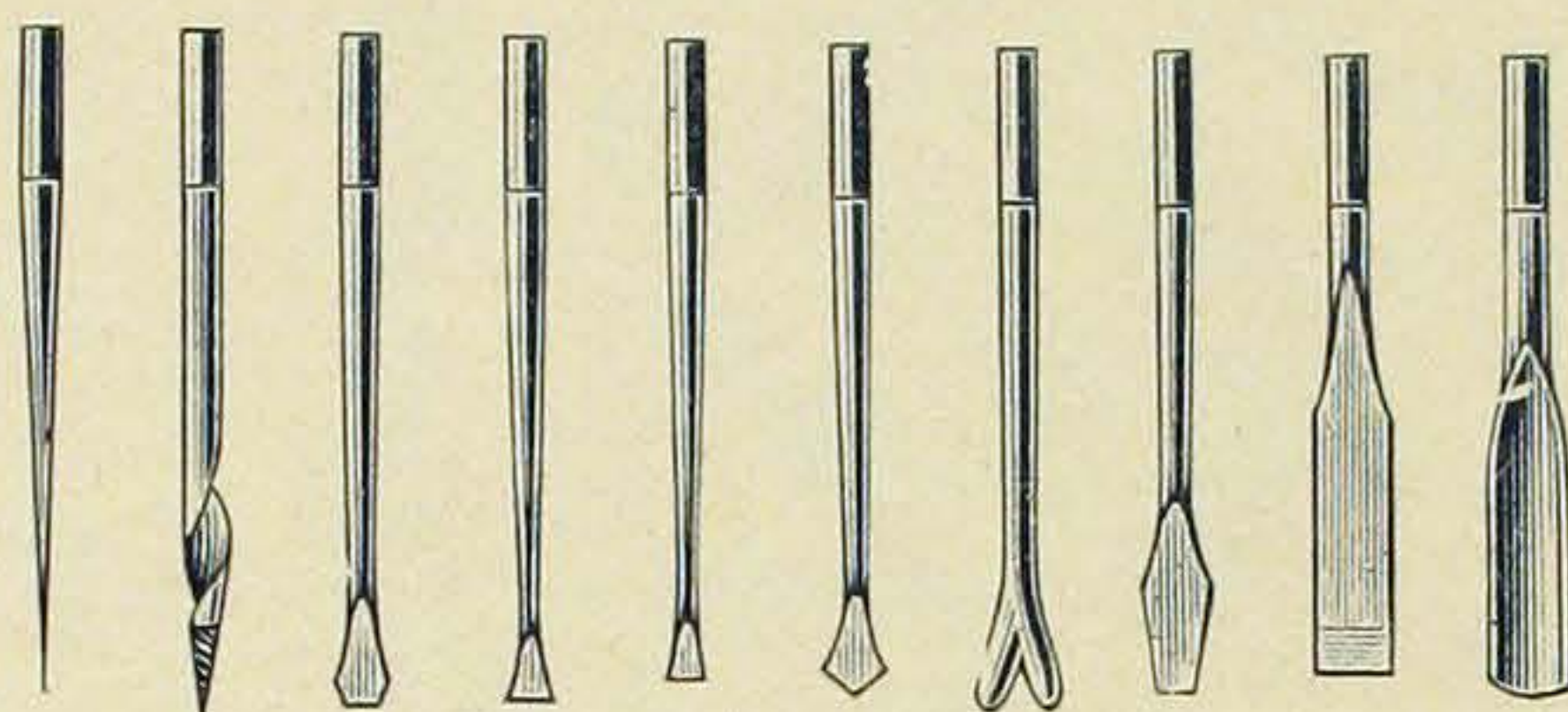
Plain Brace.

106— 6 in. Sweep, per dozen,	\$21.00
108— 8 in. " "	24.00
110—10 in. " "	27.00
112—12 in. " "	30.00

The working parts of Standard Patent Bit Brace are made of steel, thoroughly case hardened and interchangeable, and for efficiency and durability have no equal. They will hold round shank twist drills as well as any drill chuck; there is no other brace that can approach it for this purpose, and will hold square shanks tighter than the common braces. Lignum Vitæ Head, Rosewood Handle, finely polished and nickel plated.

Contains 10 Tools.

Contains 8 Tools.



Patented March 2, 1886.

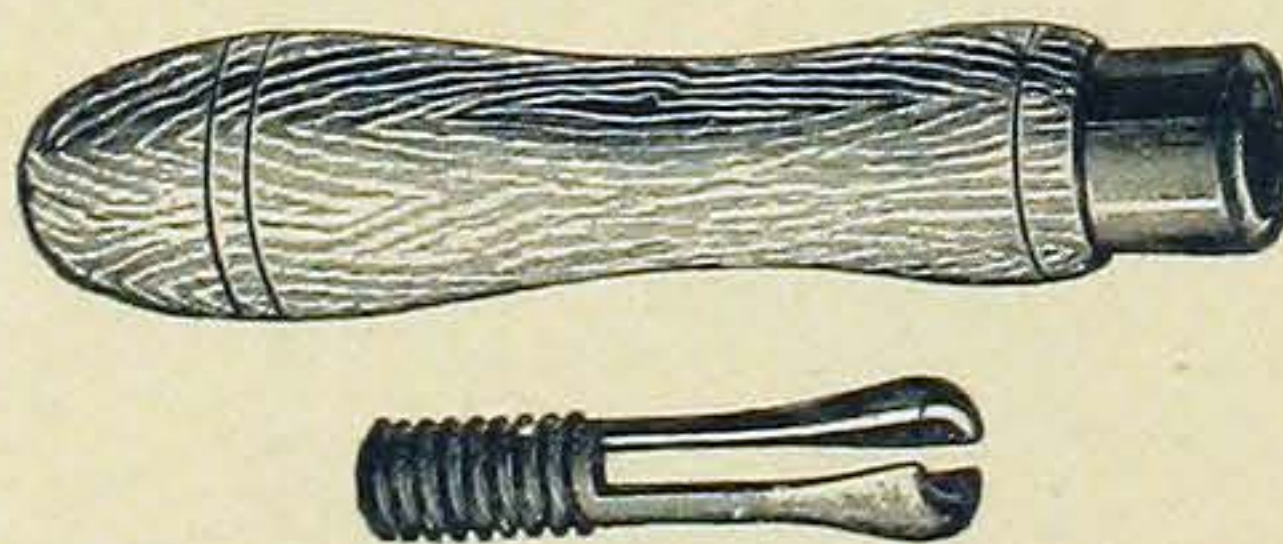
STANDARD SCREW DRIVERS



Patented March 25, 1890.

Blades,	3	inches long,	$\frac{3}{16}$	inches diameter,	.	.	.	.	.	.	.	\$ 3.00 per dozen.
"	4	"	$\frac{1}{4}$	"	.	.	.	.	.	.	.	3.60 "
"	5	"	$\frac{1}{4}$	"	.	.	.	.	.	.	.	4.20 "
"	6	"	$\frac{5}{16}$	"	.	.	.	.	.	.	.	4.80 "
"	7	"	$\frac{5}{16}$	"	.	.	.	.	.	.	.	5.90 "
"	8	"	$\frac{3}{8}$	"	.	.	.	.	.	.	.	6.50 "
"	10	"	$\frac{3}{8}$	"	.	.	.	.	.	.	.	8.00 "
"	12	"	$\frac{3}{8}$	"	.	.	.	.	.	.	.	10.00 "

CHANTRELL'S PATENT FILE HANDLE.



Patented March 2, 1886.

The files can be removed or inserted instantly at pleasure.

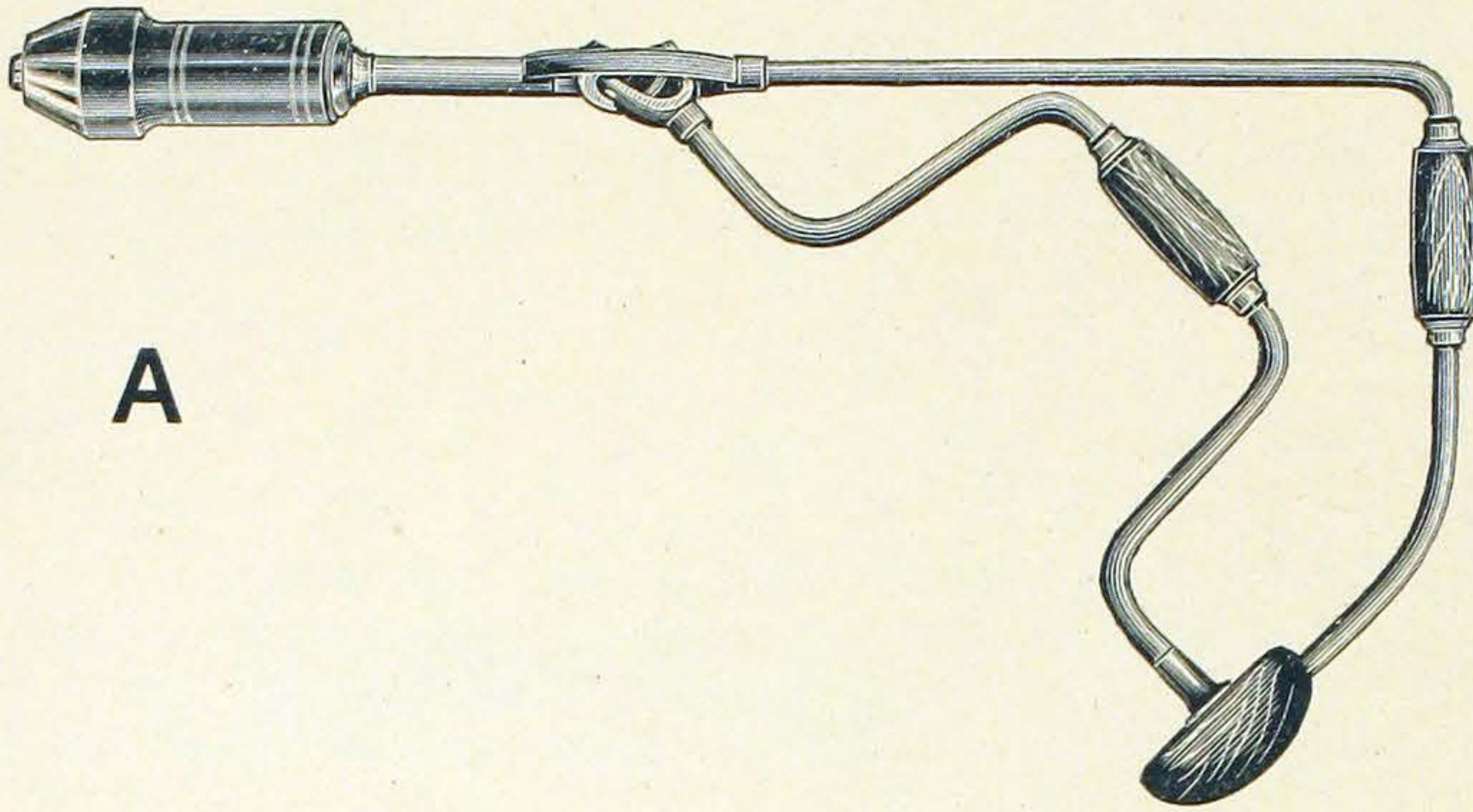
" 8, " 12, 13 and 14 inches.

Price \$12.00 per gross.

AGENTS FOR

C. H. AMIDON, Manufacturer of BIT BRACES.

AMIDON'S PATENT CORNER BRACE.



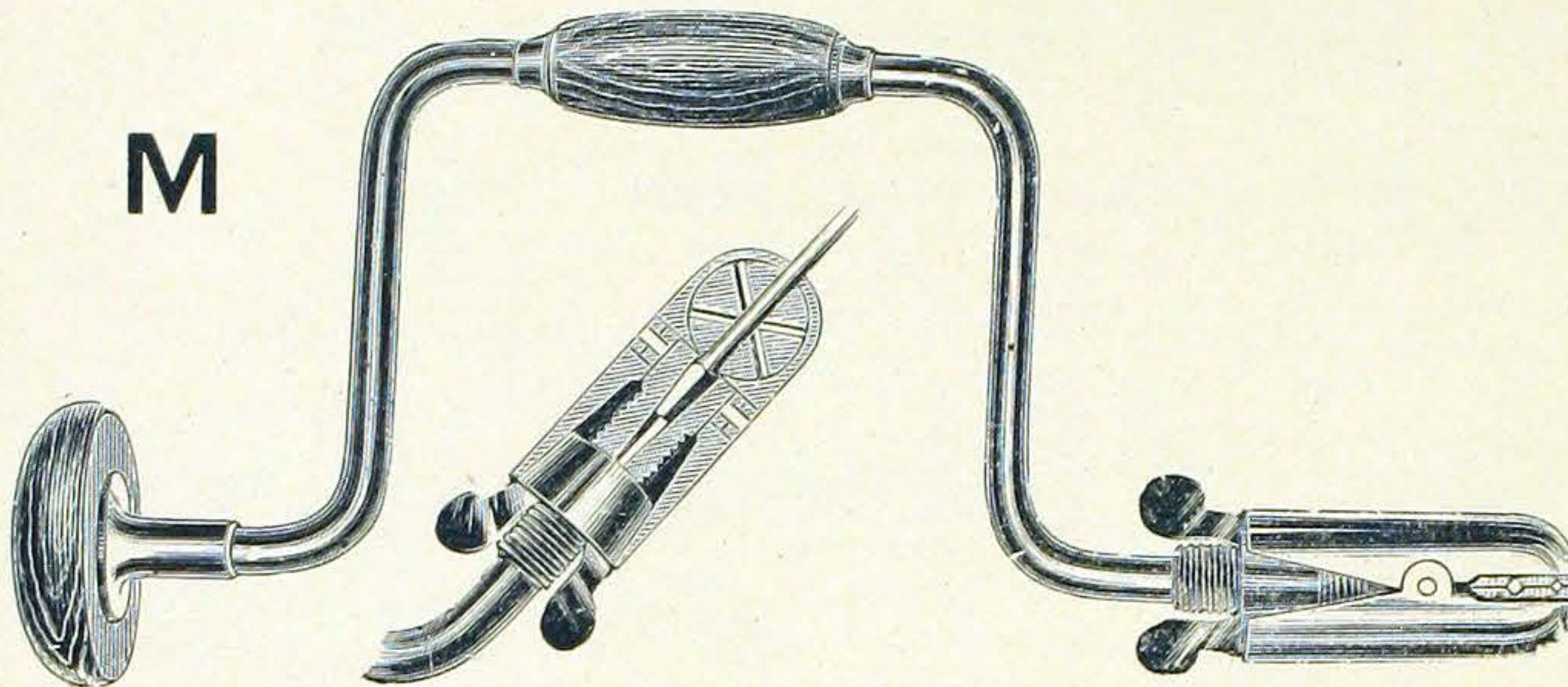
FULL NICKEL PLATE.

Steel Rods.

Patented May 30th, 1884.

No. 8.	8 inch sweep,	per doz.,	\$40 00
10.	10 " " "	"	44 00

AMIDON'S GLOBE JAW BRACE.



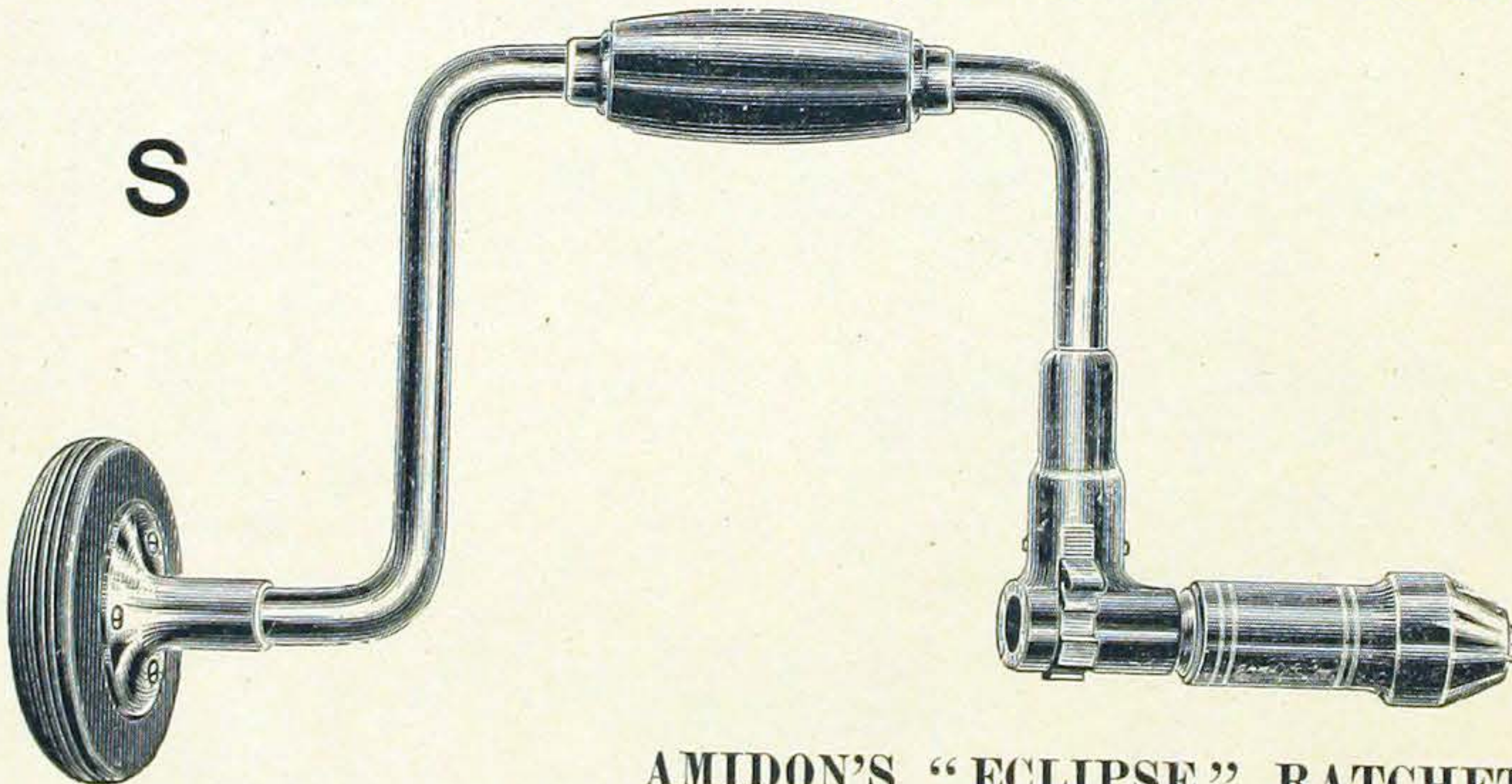
FULL NICKLE PLATE.

Lignumvitæ Head.

Patented April 20, 1890.

No. 8.	8 inch sweep,	price,	\$24 00
10.	10 " " "	"	27 00
12.	12 " " "	"	30 00
14.	14 " " "	"	33 00

AMIDON'S 2nd IMPROVED BARBER.—With Eclipse Ratchet Attachment.



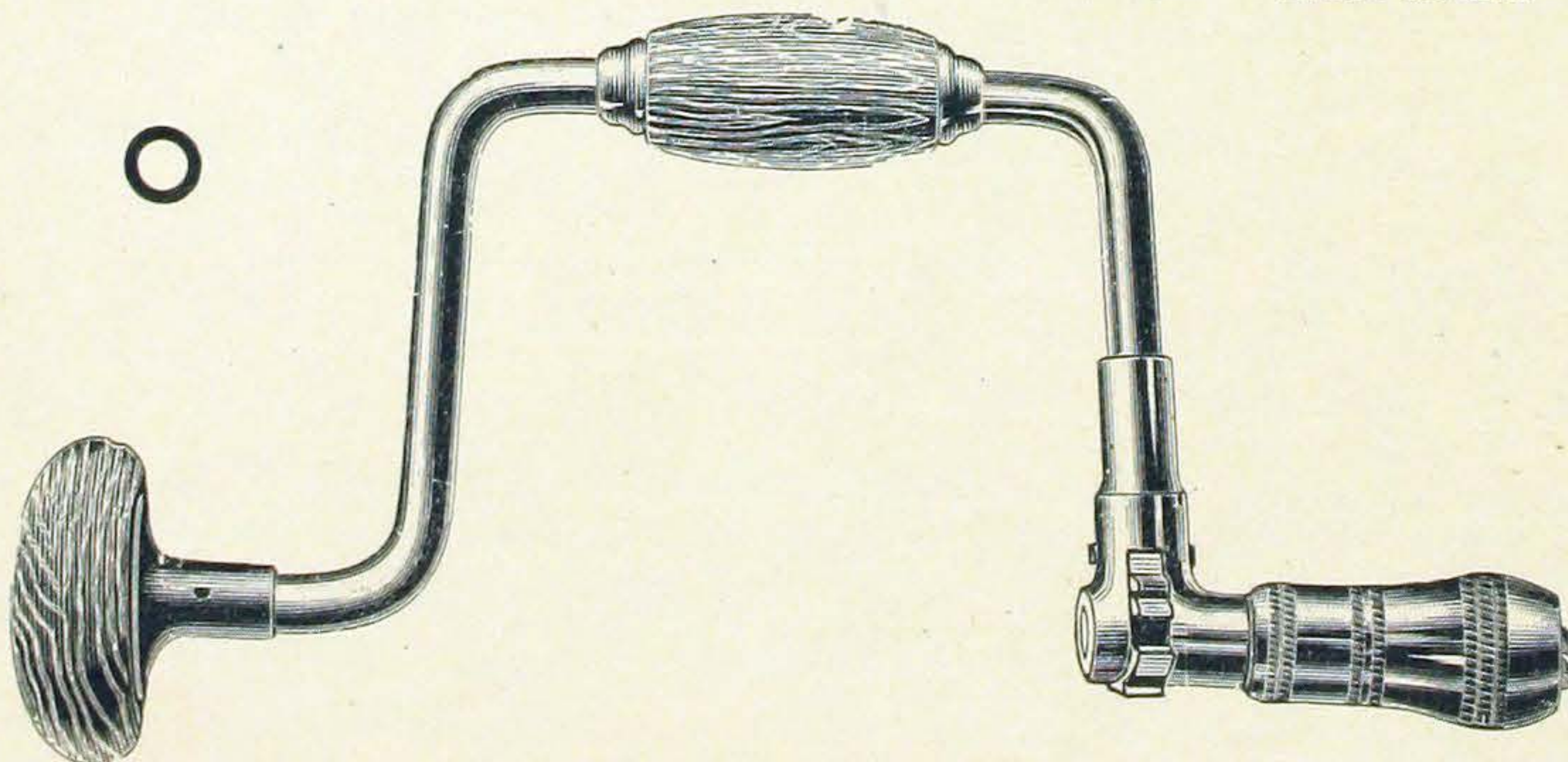
FULL NICKEL PLATE.

Lignumvitæ Head.

Patent applied for.

8 inch sweep,	price per doz.,	\$33 00
10 " " "	"	36 00
12 " " "	"	39 00
14 " " "	"	42 00

AMIDON'S "ECLIPSE" RATCHET BRACE.



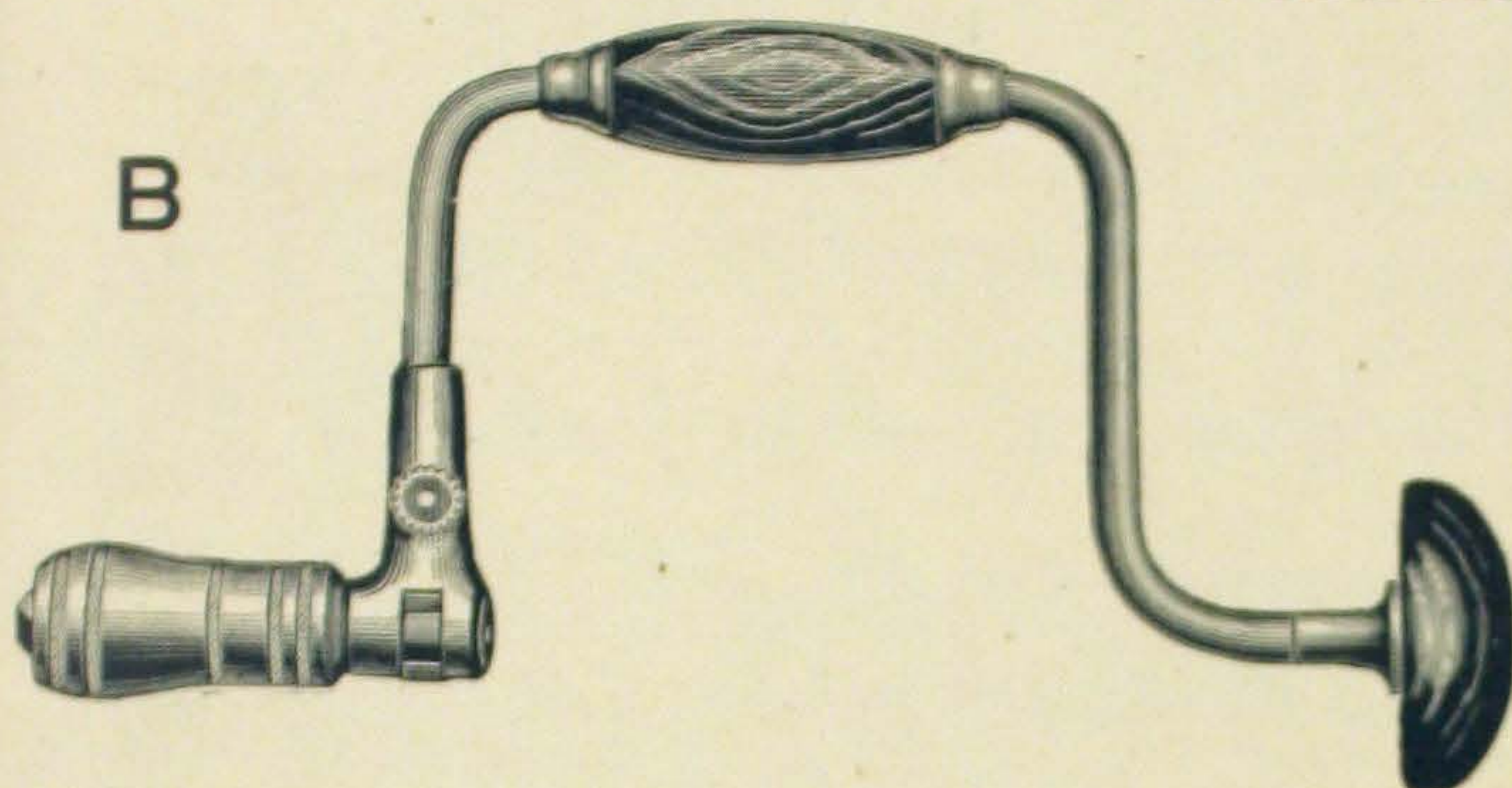
FULL NICKEL PLATE.

Lignumvitæ Head.

Patented April 20, 1880.

8 inch sweep,	price per doz.,	\$33 00
10 " " "	"	36 00
12 " " "	"	39 00
14 " " "	"	42 00

AMIDON'S IMPROVED RATCHET BRACE.



FULL NICKEL PLATE.

Lignumvitæ Head. Steel Sweep.

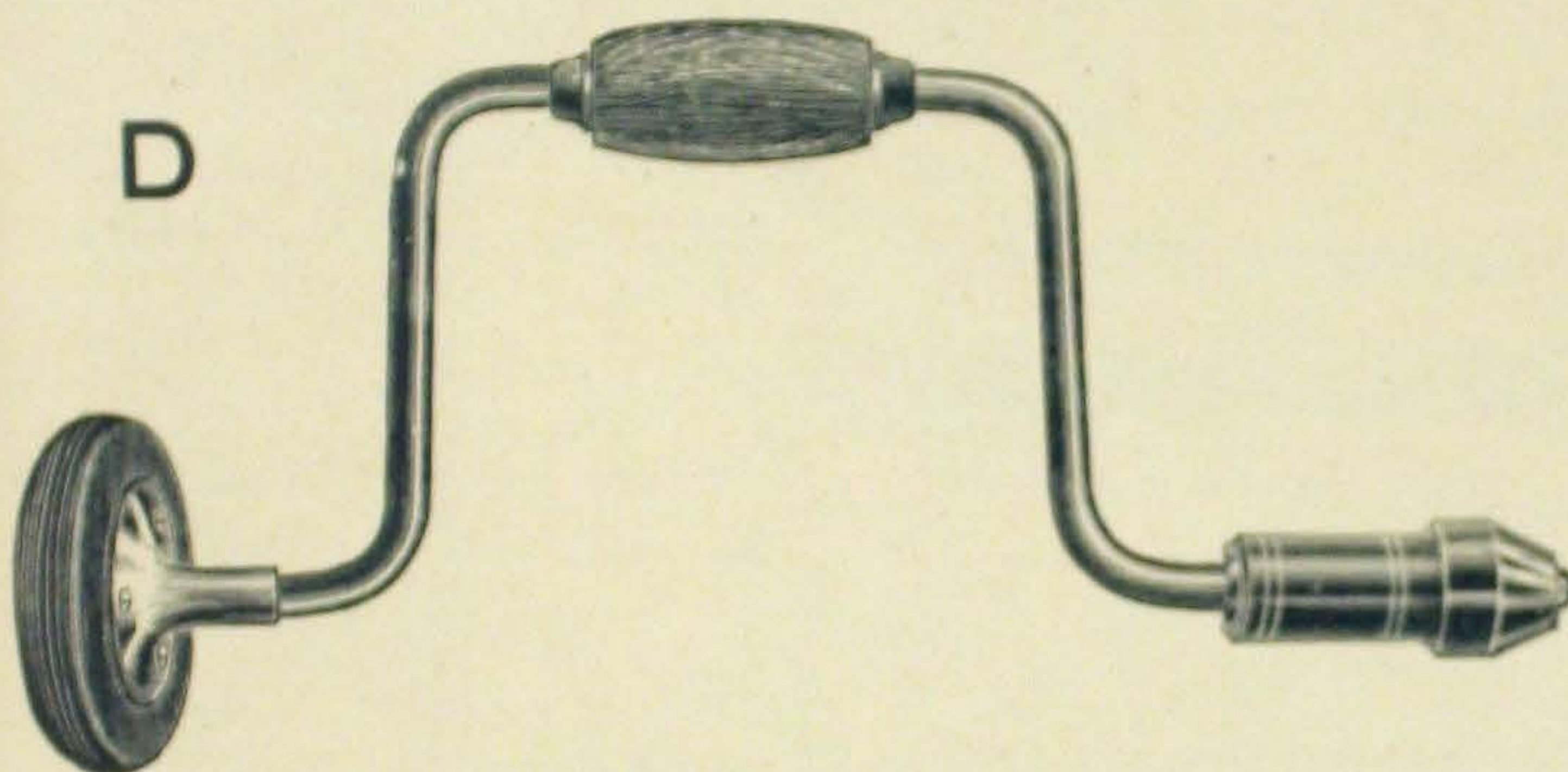
Patented April 30, 1890.

No. 8.	8 inch sweep,	price, \$32 00
10.	10 " "	35 00
12.	12 " "	38 00

C—Same as B. Plain Finish.

No. 8.	8 inch sweep,	\$28 00
10.	10 " "	31 00
12.	12 " "	34 00

AMIDON'S 2nd IMPROVED BARBER.

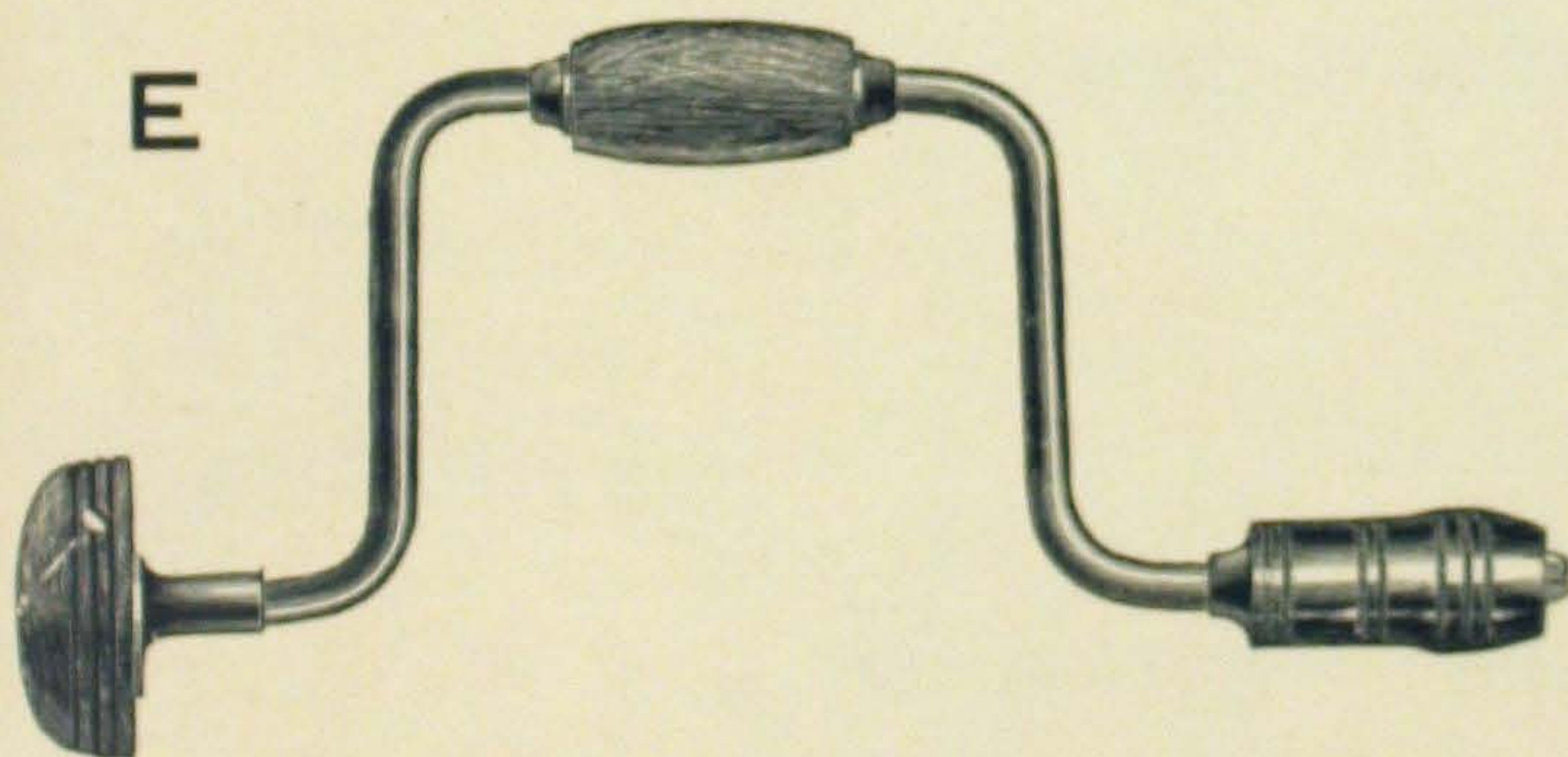


FULL NICKEL PLATE.

Lignumvitæ Head.

No. 8.	8 inch,	\$24 00
10.	10 " "	27 00
12.	12 " "	30 00
14.	14 " "	33 00

AMIDON'S BARKER IMPROVED BRACE.



FULL NICKEL PLATE.

Lignumvitæ Head. Steel Sweep.

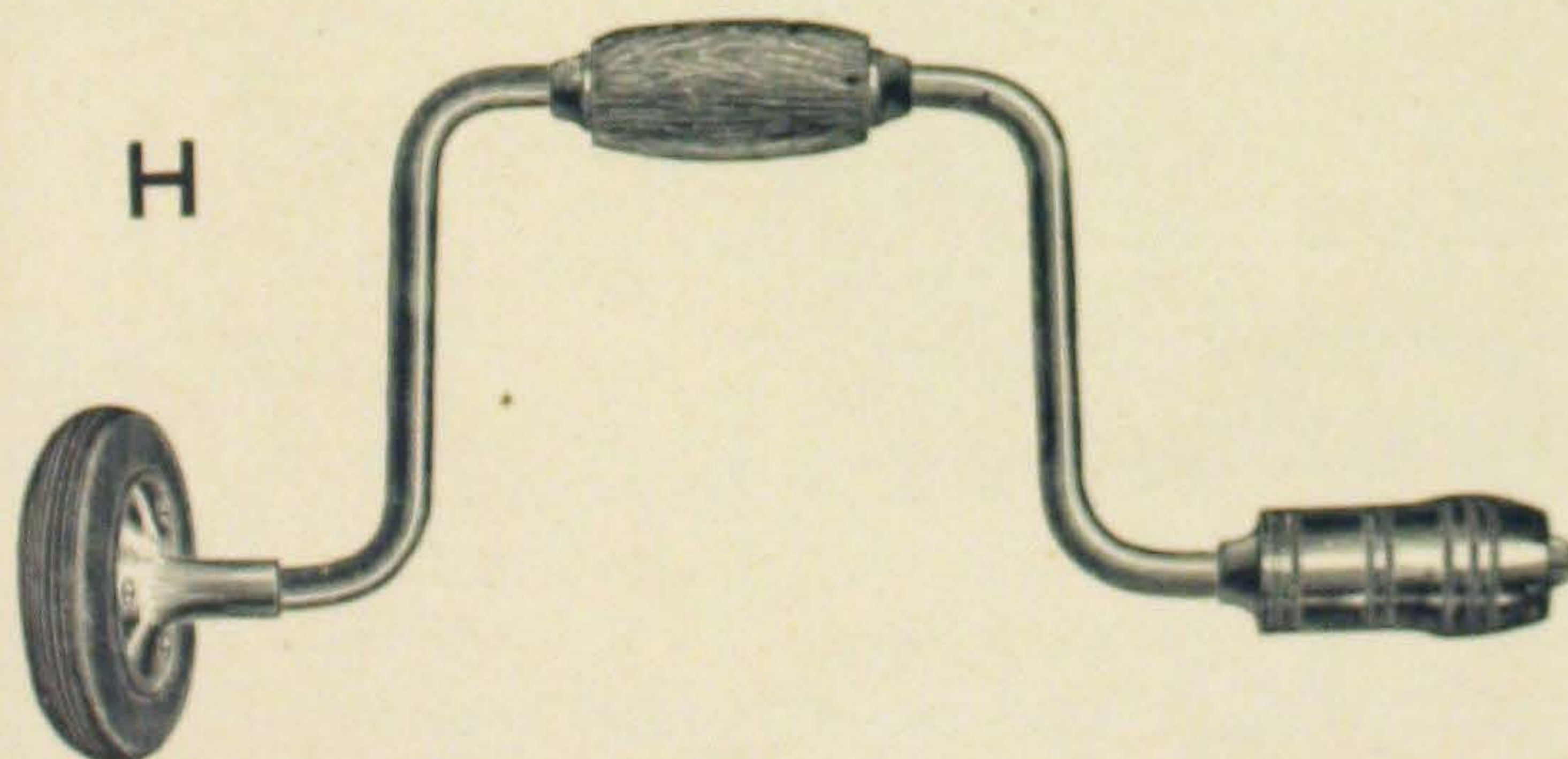
Patented April 30, 1890.

8 inch sweep,	price per doz., \$15 00
10 " "	17 00
12 " "	19 00

F—Same as above. Plain Finish.

No. 8.	8 inch sweep,	price, \$13 00
10.	10 " "	15 00
12.	12 " "	17 00

AMIDON'S CHEAP BARKER IMPROVED BRACE.



WITHOUT PLATING. PLAIN FINISH.

Patented April 30, 1890.

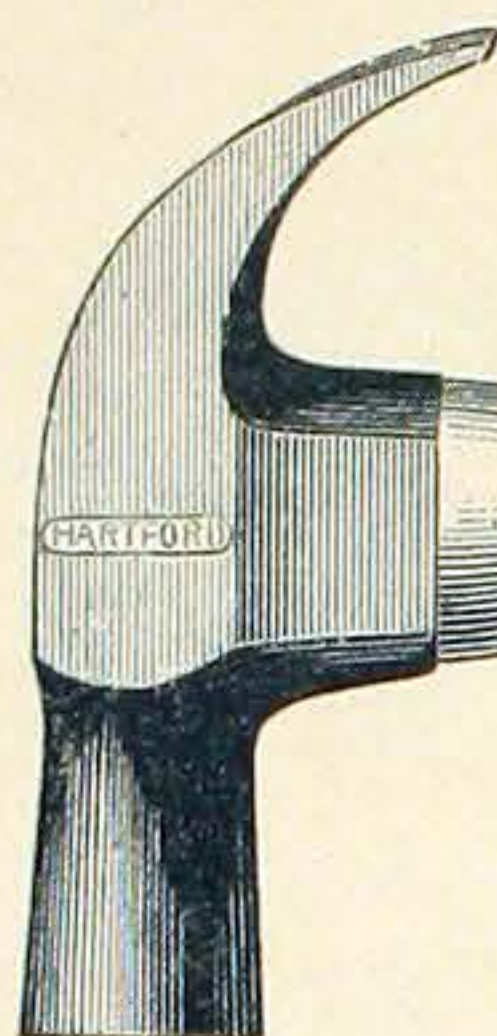
No. 8.	8 inch sweep,	price, \$9 00
10.	10 " "	10 00
12.	12 " "	11 00

K—Amidon's Buffalo Ball Brace.

No. 8.	8 inch sweep,	net price, \$5 00
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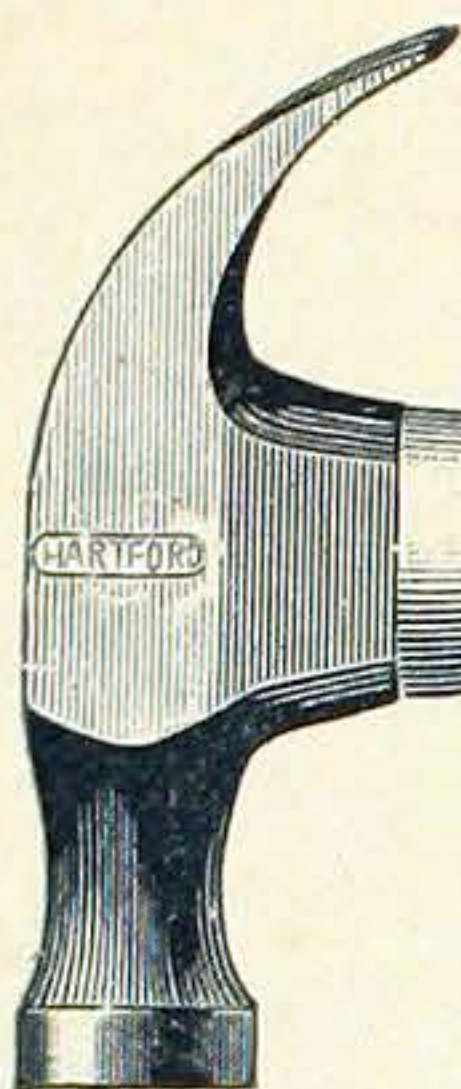
AGENTS FOR
THE HARTFORD HAMMER CO.,
 MANUFACTURERS OF
 HAMMERS FORGED FROM SOLID CAST STEEL.

SOLID CAST STEEL ADZE EYE NAIL HAMMERS.



Nos.	Weights.	Per Dozen.
1	7½ oz.	\$5.00
2	13 oz.	6.00
3	1 lb.	7.00
4	1 lb. 4 oz.	8.00

SOLID CAST STEEL ADZE EYE BELL FACE HAMMERS.



Nos.	Weights.	Per Dozen.
11	7½ oz.	\$5.00
12	13 oz.	6.00
13	1 lb.	7.00
14	1 lb. 4 oz.	8.00

ADZE EYE MACHINISTS' BALL-PENE HAMMERS.



Nos.	Weights.	Per Dozen.
21	4 oz.	\$12.00
22	8 oz.	12.00
23	12 oz.	13.00
24	1 lb.	13.50
25	1 lb. 4 oz.	14.50
26	1 lb. 12 oz.	16.00

ADZE EYE MACHINISTS' STRAIGHT-PENE HAMMERS.



Nos.	Weights.	Per Dozen.
31	4 oz.	\$12.00
32	8 oz.	12.00
33	12 oz.	13.00
34	1 lb.	13.50
35	1 lb. 4 oz.	14.50
36	1 lb. 12 oz.	16.00

ADZE EYE RIVETING HAMMERS.

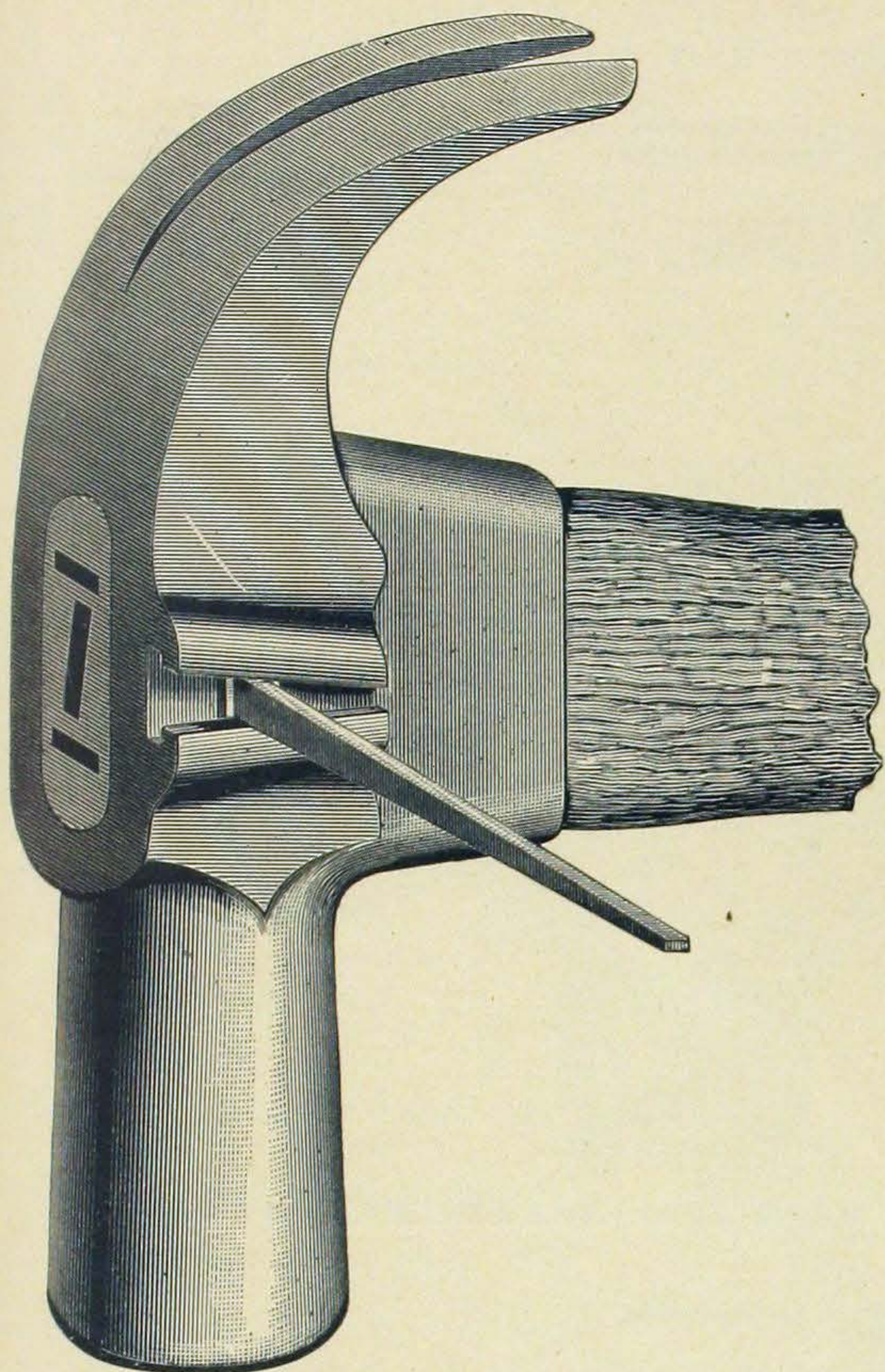


Nos.	Weights.	Per Dozen.
51	8 oz.	\$7.00
52	12 oz.	7.50
53	16 oz.	8.00
54	1 lb. 4 oz.	8.50
55	1 lb. 8 oz.	9.00

Half dozen in a paper box. Above weights without Handles. Ten dozen in a case.

THE HARTFORD HAMMER CO.

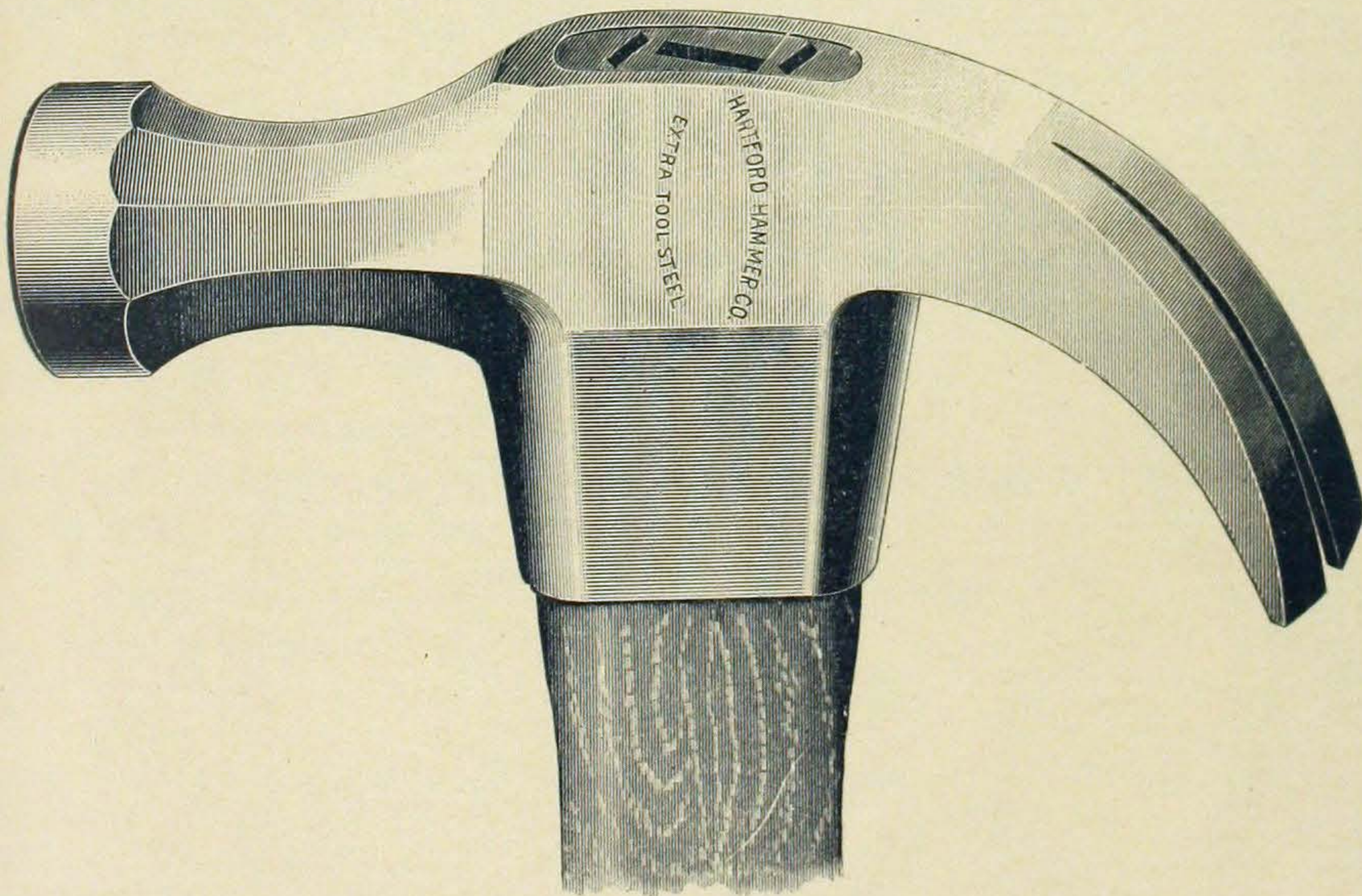
Patent Improved Nail Holding

H A M M E R .

We have, at a large outlay for special tools and machinery, produced this desirable Hammer. Carpenters have long felt the need of a Hammer for holding the nail so that they may have the free use of their hands. Many are the times it is necessary to do this, and every mechanic has seen the urgent need for this Hammer.

This Hammer is Made from the Best Quality
of Crucible Tool Steel.

No. N. H., . Weight, 1 lb. 3 oz., . per doz., \$15.00



This Hammer is drop forged from an extra grade of tool steel, Octagon neck, full nickel plate, with the very best hickory handle.

A. E. Octagon Pole, Full Polished Bell Face Hammer.

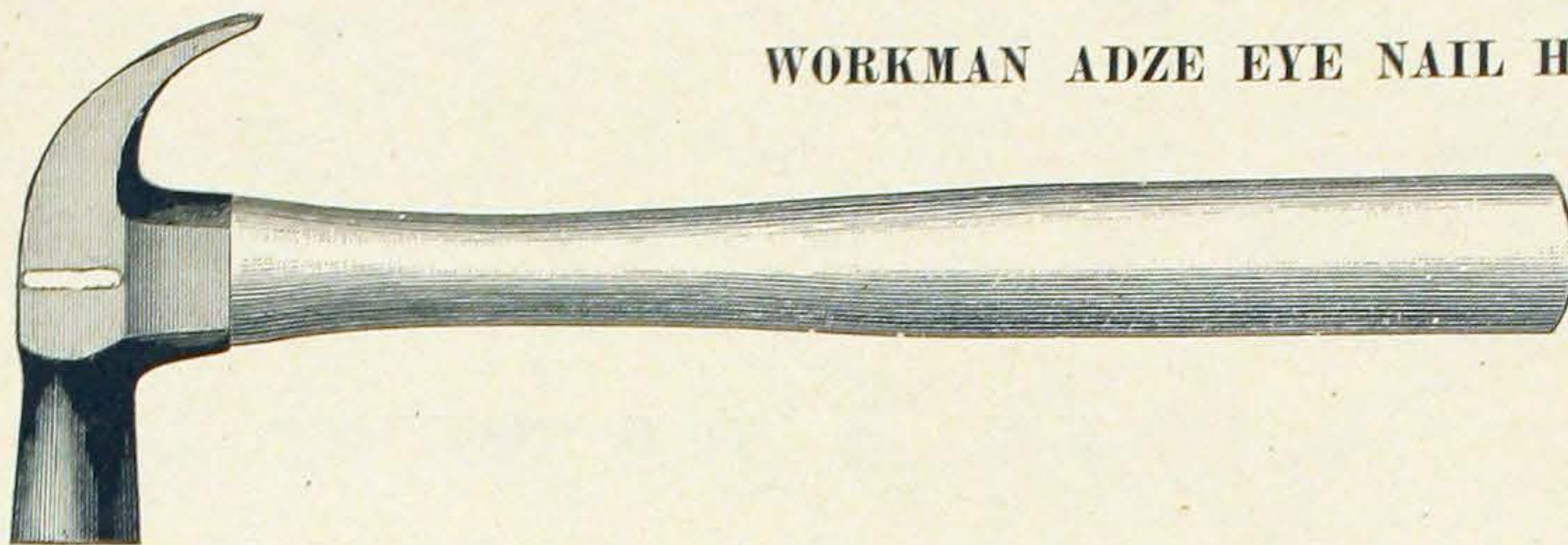
No. X 13.

Weight, 1 lb.,

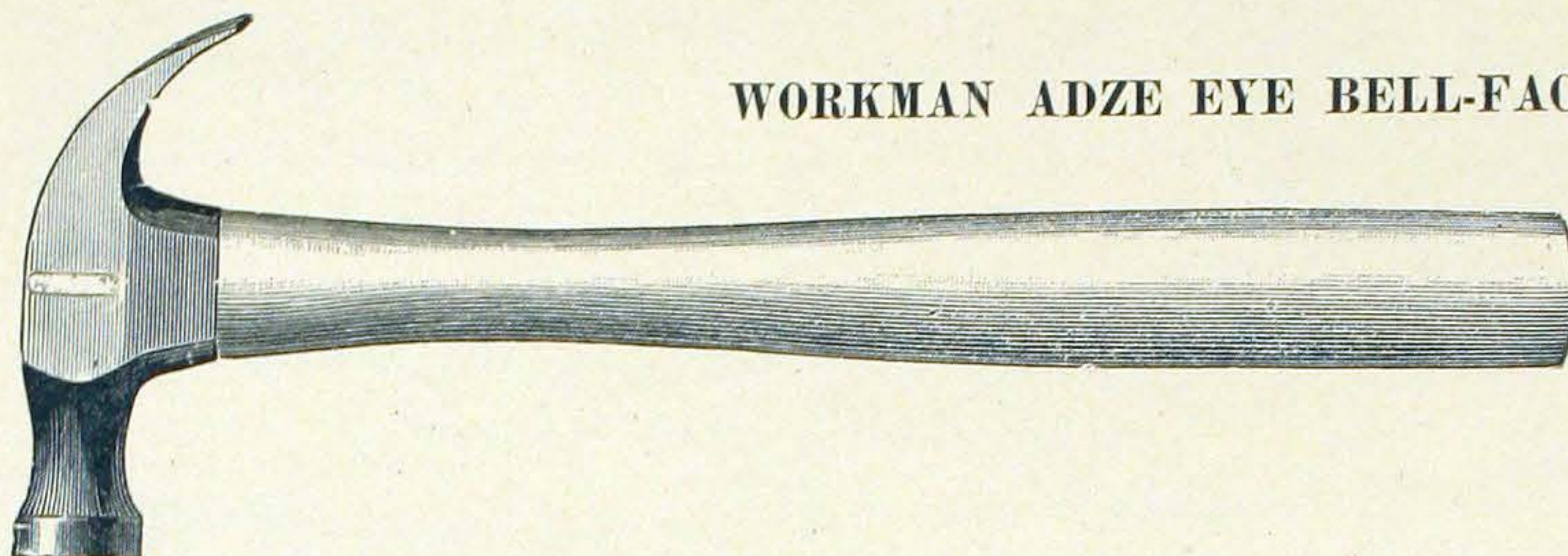
Per doz., \$12.00

ABOVE WEIGHTS WITHOUT HANDLES.

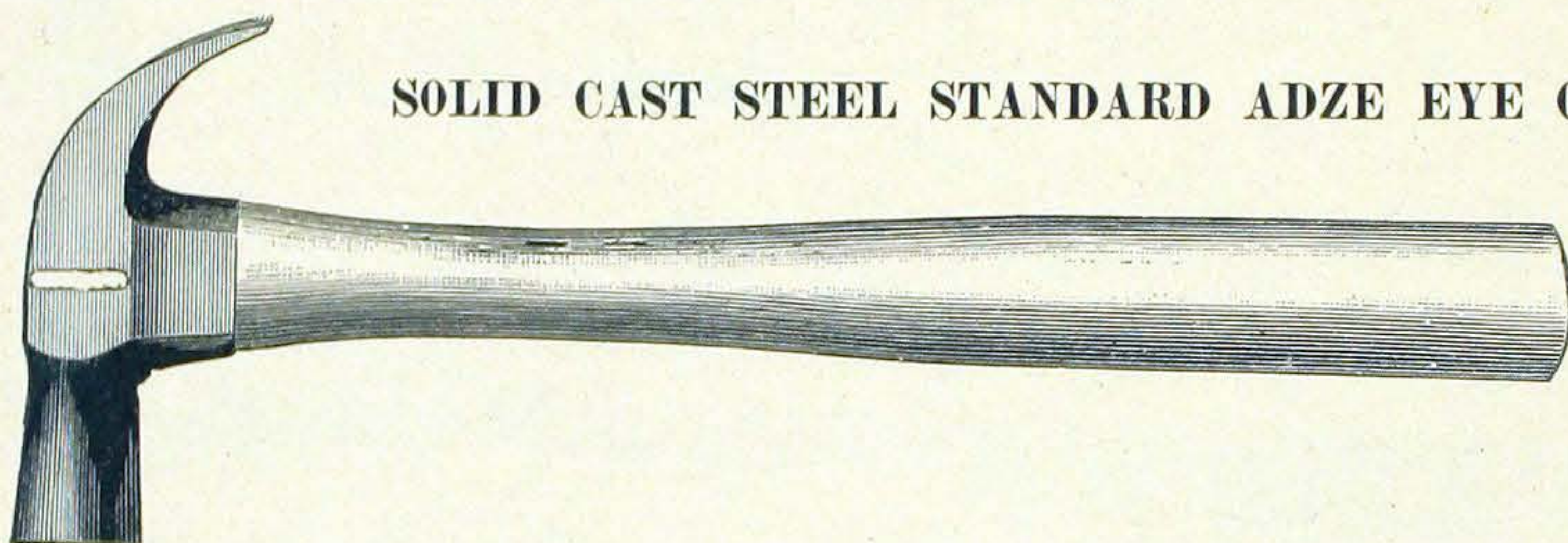
$\frac{1}{2}$ Dozen in a Paper Box. 10 Dozen in a Case.

**WORKMAN ADZE EYE NAIL HAMMERS.**

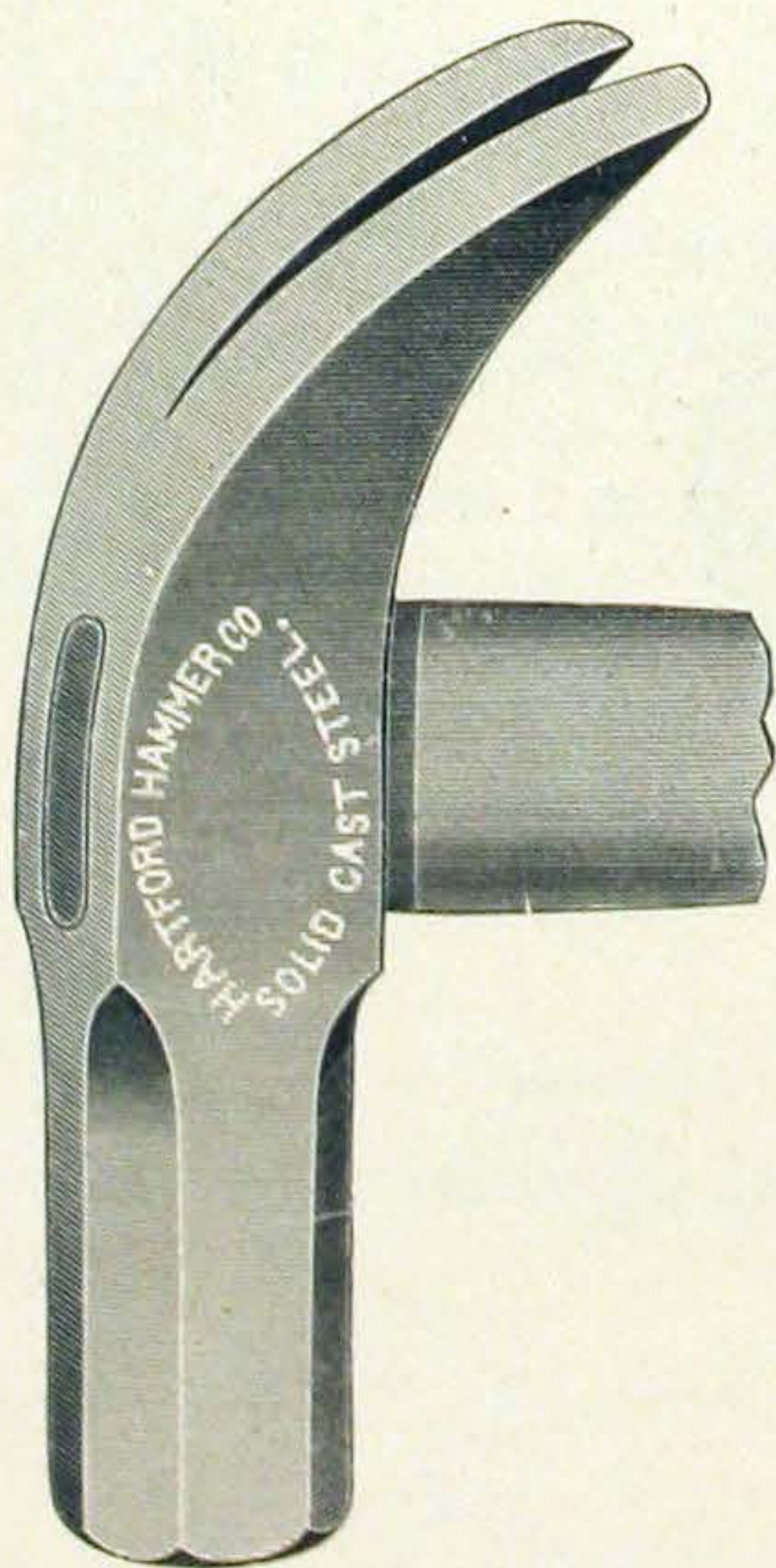
No.	Weights.	Per Dozen. Bright.
1	7½ oz.	\$4.25
2	13 oz.	5.25
3	1 lb.	6.00
4	1 lb. 4 oz.	7.00

**WORKMAN ADZE EYE BELL-FACE HAMMERS.**

Nos.	Weights.	Per Dozen. Bright.
11	7½ oz.	\$4.25
12	13 oz.	5.25
13	1 lb.	6.00
14	1 lb. 4 oz.	7.00

**SOLID CAST STEEL STANDARD ADZE EYE CARPENTERS' HAMMERS.**

Nos.	Weights.	Per Dozen
0½	13 oz.	\$4.75
1½	1 lb.	5.25
2½	1 lb. 4 oz.	6.50

**SOLID CAST STEEL BRAD HAMMERS.**

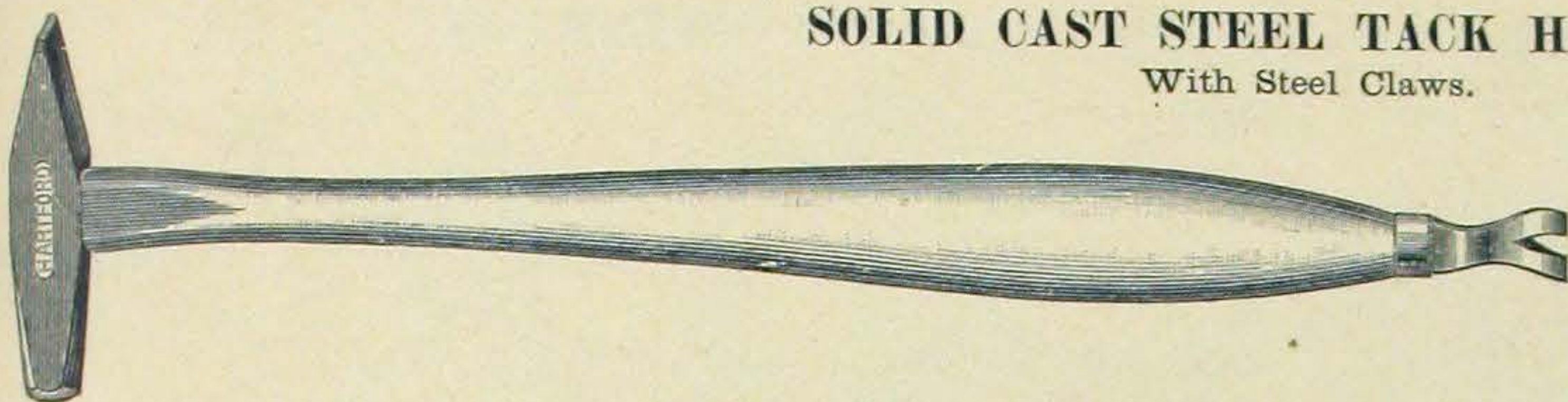
No. 101, Weight, 4 ounces,

\$5.50 per dozen.

Above weights without Handles.

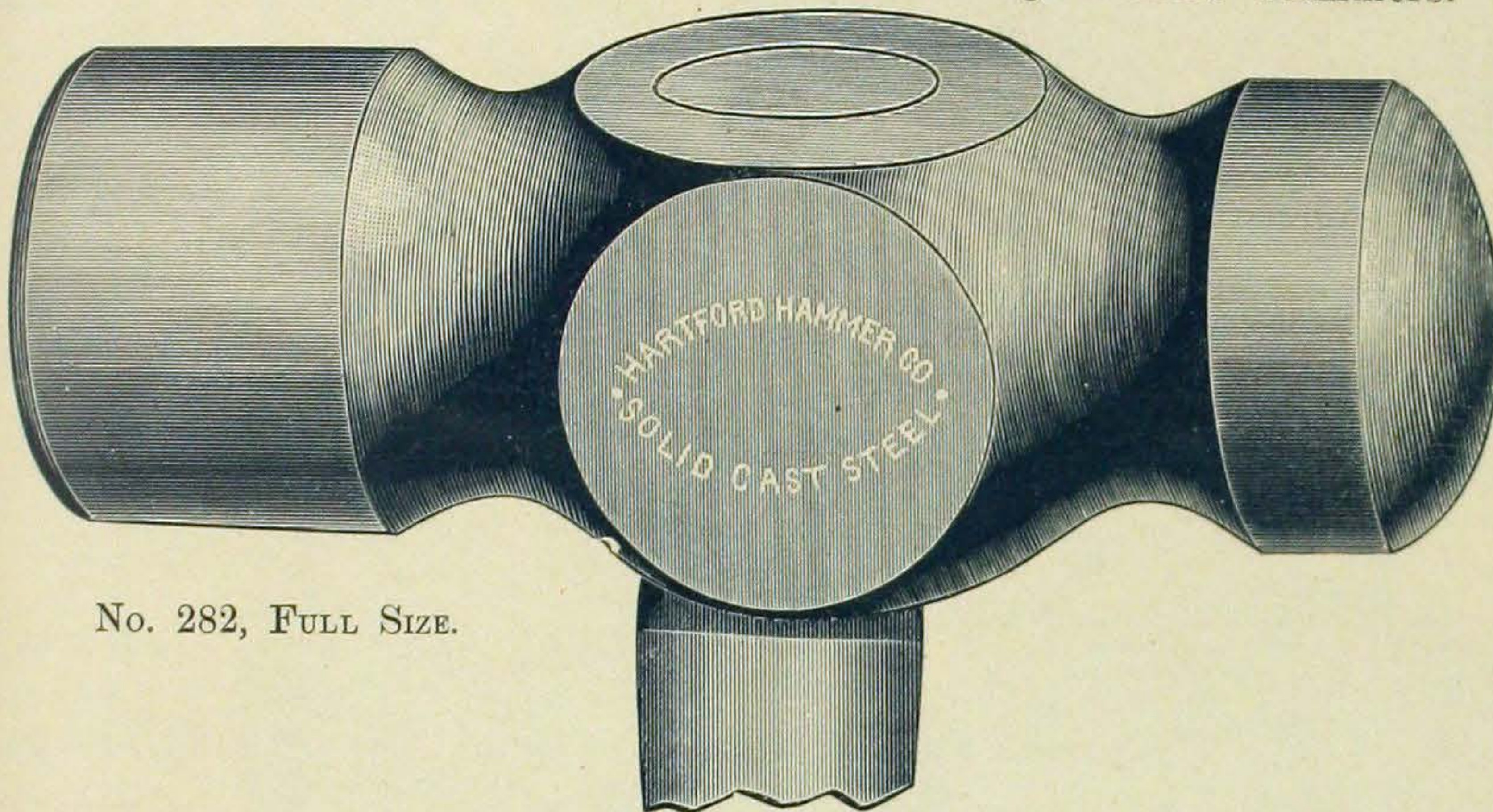
SOLID CAST STEEL TACK HAMMERS.

With Steel Claws.



Nos.	Weight.	Per Dozen.
100 Plain Eye,	4 oz.	\$4.50
200 Adze "	6 oz.	5.00

Above weights without Handles.

Solid Cast Steel Carriage Ironers' Hammers.

No. 282, FULL SIZE.

Nos.	Weights.	Per Doz.
281	1 lb. 14 oz.	\$15.50
282	2 lbs. 6 oz.	16.50
283	2 lbs. 12 oz.	17.50

Above weights without Handles.

One-third dozen in a paper box.

Five dozen in a case.

IMPROVED BALL PENE MACHINIST HAMMER.

We would call your particular attention to our new line of Ball Pene Machinists' Hammers, believing that we have the BEST hammer to offer to the mechanic desiring a good tool.

These hammers are Drop Forged from a special grade of tool steel, and fully polished. Nothing but the very highest grade of skilled labor is employed in their manufacture.

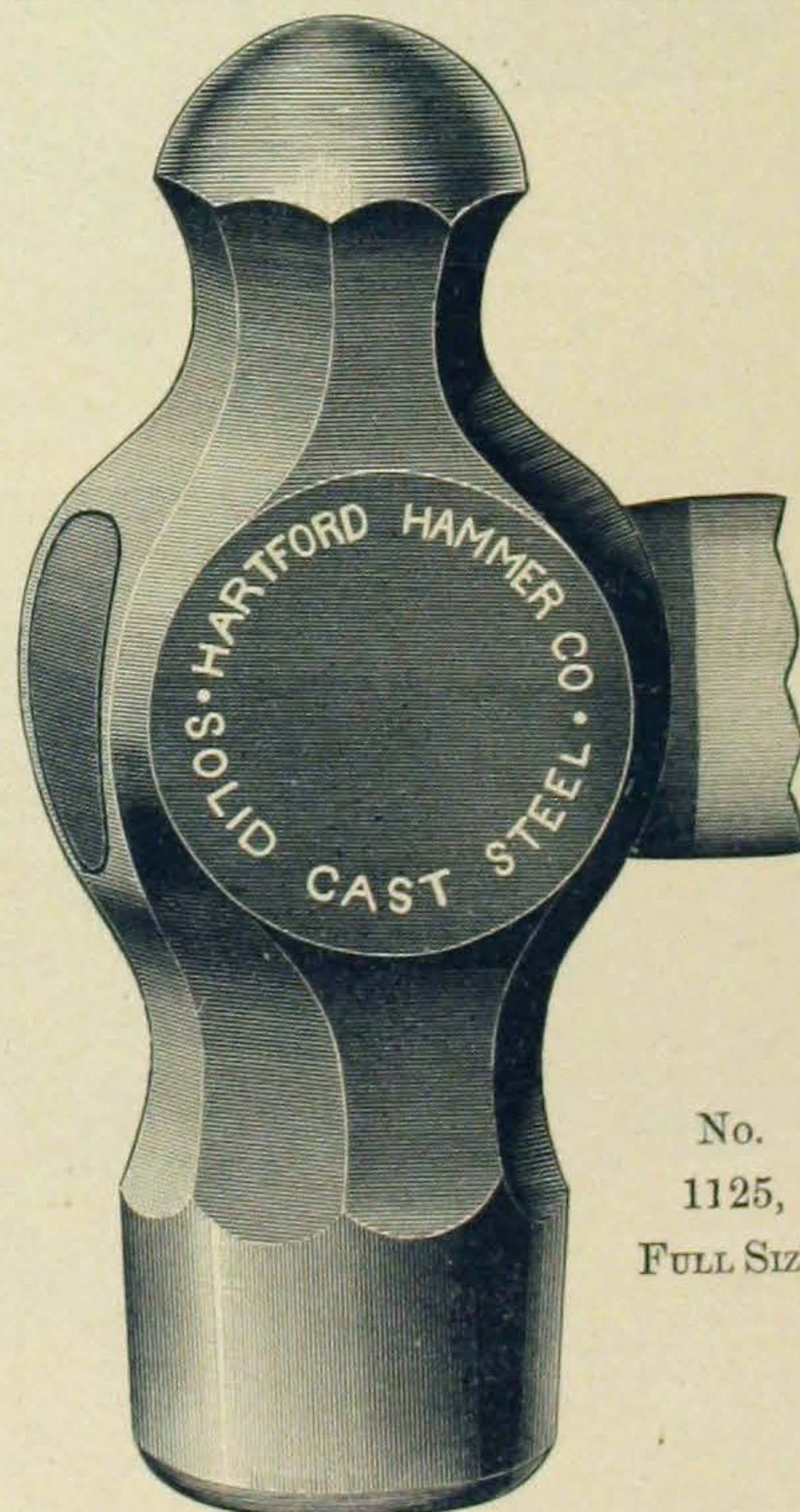
Our handles are all selected from the best white hickory, and being fitted to our patented eyes, will never work loose.

Nos.	Weight.	Per Dozen.
1120	6 Ounces.	\$18.00
1122	12 "	20.00
1124	20 "	22.00
1125	24 "	24.00
1127	32 "	28.00

Weights Without Handles.

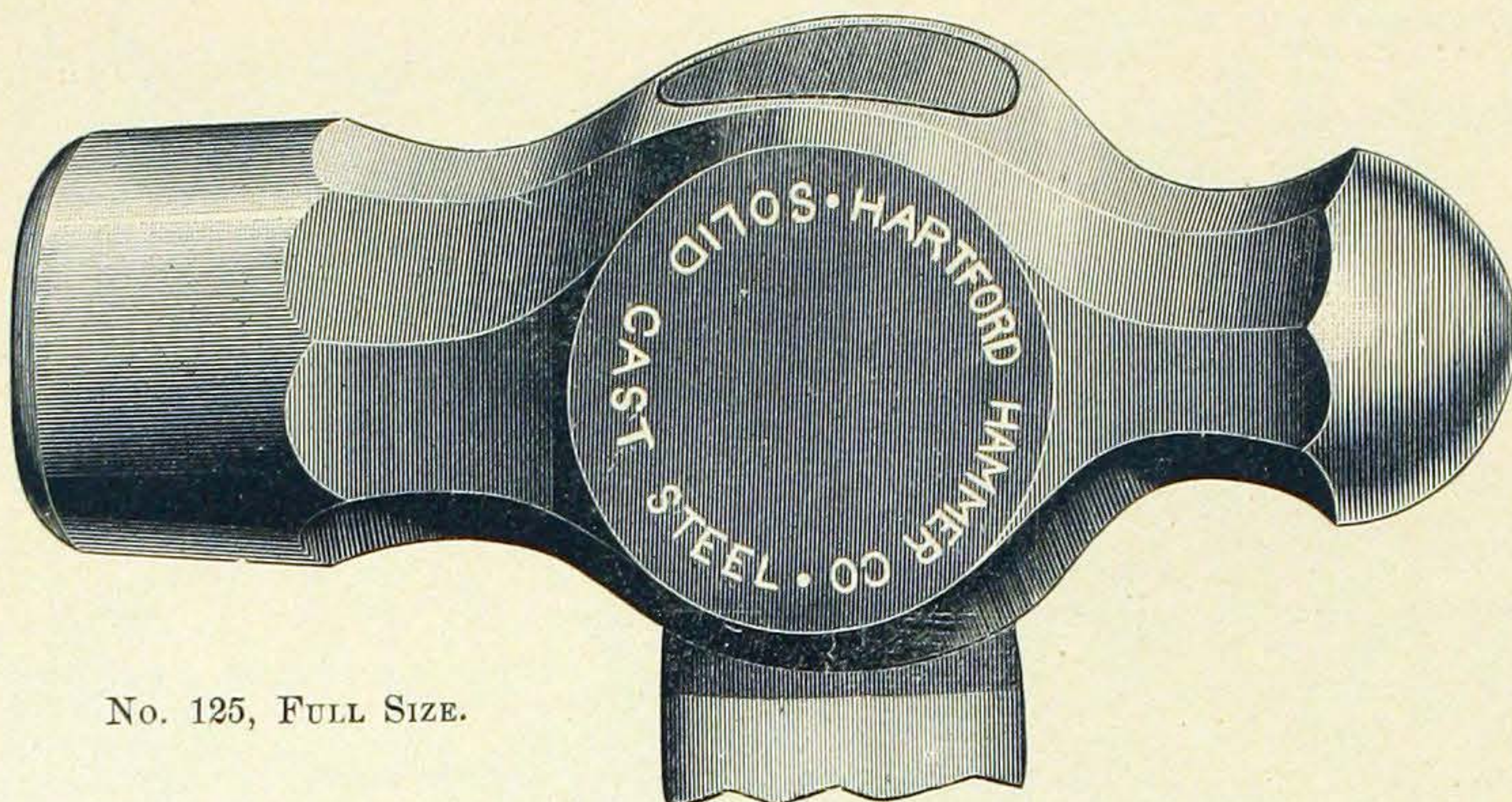
 $\frac{1}{2}$ Dozen in a Paper Box.

10 Dozen in a Case.

No.
1125,
FULL SIZE

MACHINISTS' OCTAGON PATTERN BALL-PEIN HAMMERS,

Oil Finished, Polished Face and Pein.

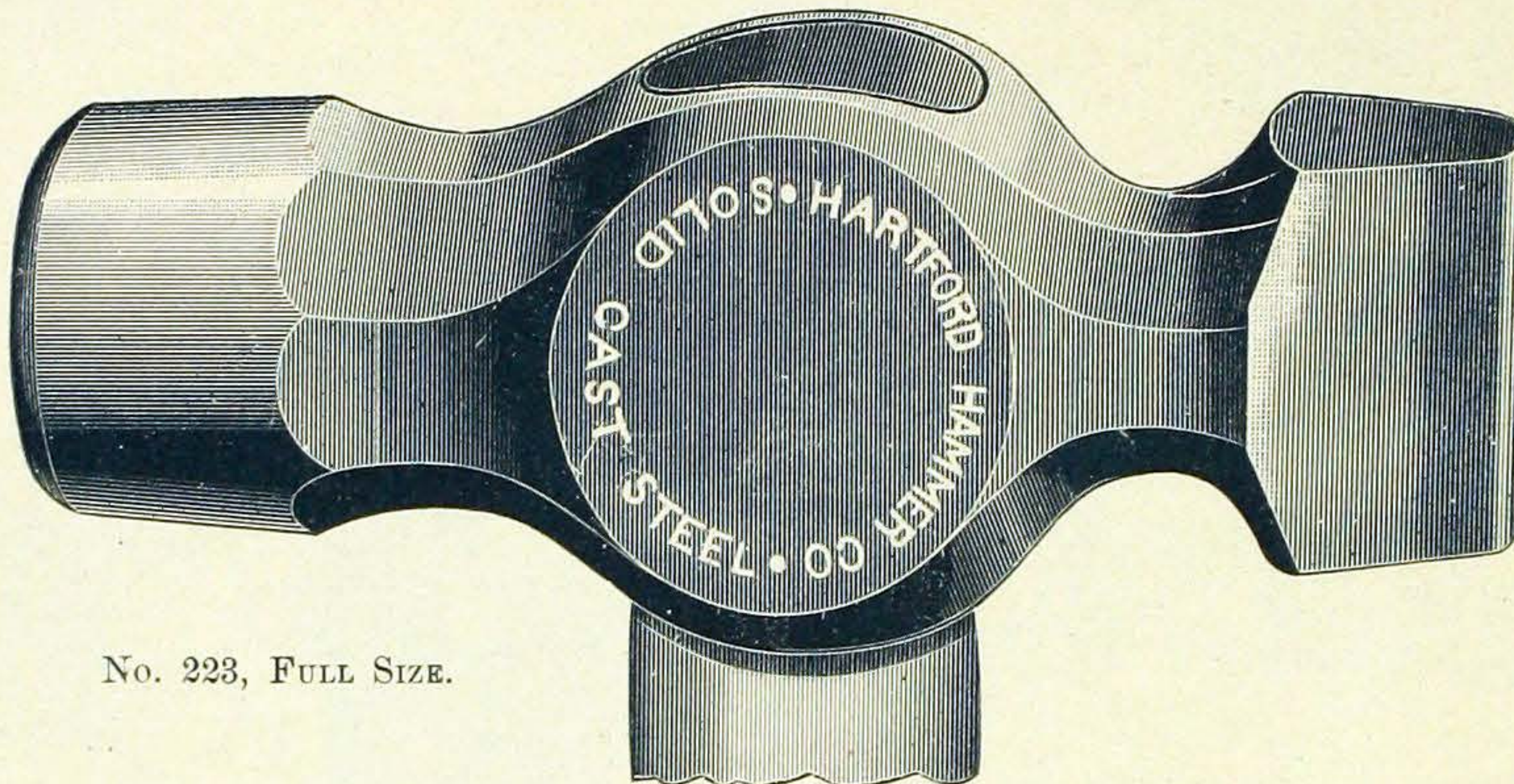


No. 125, FULL SIZE.

Nos.	Weight.	Per doz.
120	6 oz.	\$12 00
121	8 oz.	12 00
122	12 oz.	12 00
123	1 lb.	12 50
124	1 lb. 4 oz.	13 50
125	1 lb. 8 oz.	14 50
126	1 lb. 12 oz.	15 50
127	2 lbs.	16 50
128	2 lbs. 4 oz.	17 50
129	2 lbs. 8 oz.	19 00
130	2 lbs. 12 oz.	20 50
131	3 lbs.	22 00
132	3 lbs. 8 oz.	24 00

MACHINISTS' OCTAGON PATTERN STRAIGHT-PEIN HAMMERS,

Oil Finished, Polished Face and Pein.

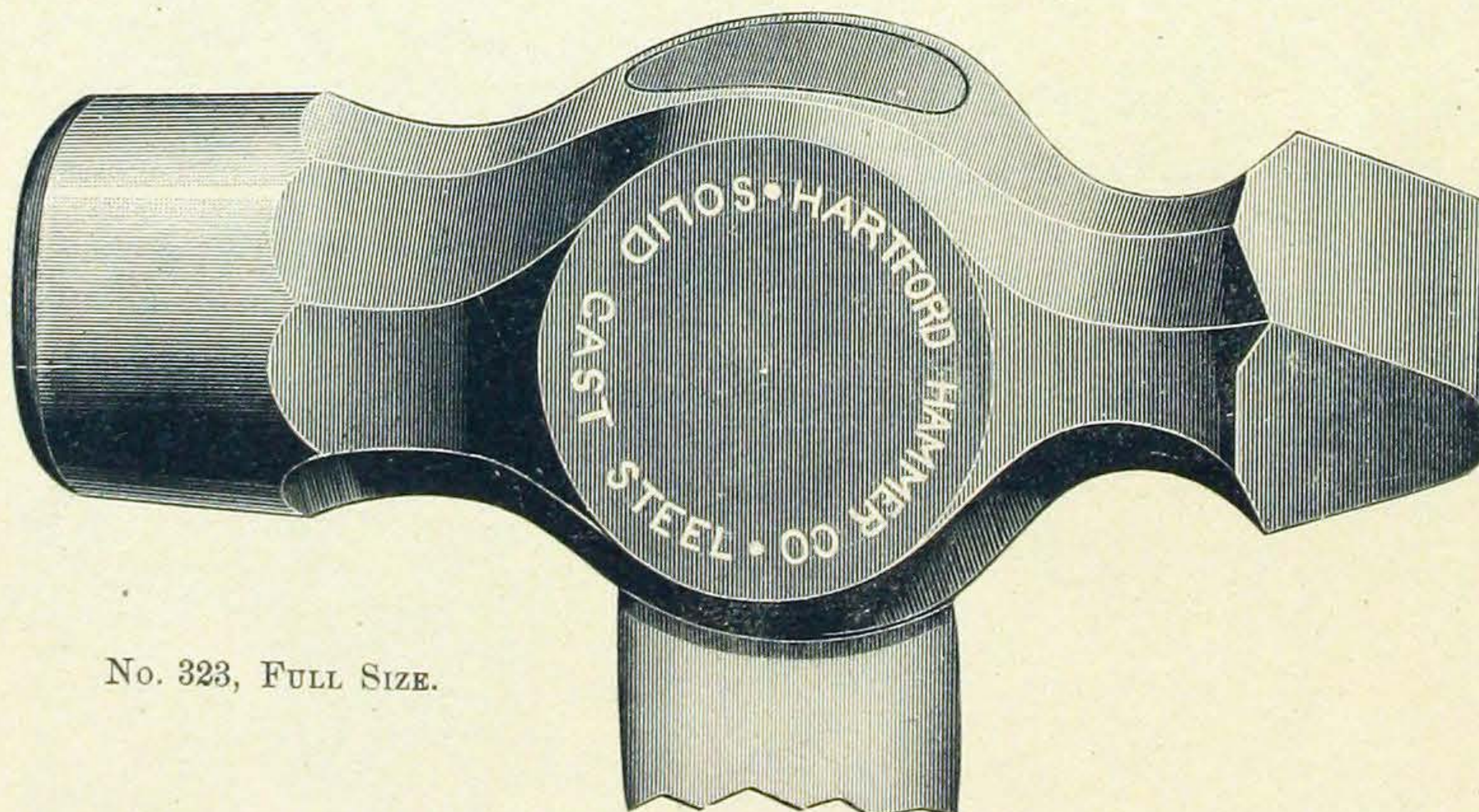


No. 223, FULL SIZE.

Nos.	Weight.	Per doz.
220	6 oz.	\$12 00
221	8 oz.	12 00
222	12 oz.	12 00
223	1 lb.	12 50
224	1 lb. 4 oz.	13 50
225	1 lb. 8 oz.	14 50
226	1 lb. 12 oz.	15 50
227	2 lbs.	16 50
228	2 lbs. 4 oz.	17 50
229	2 lbs. 8 oz.	19 00
230	2 lbs. 12 oz.	20 50
231	3 lbs.	22 00
232	3 lbs. 8 oz.	24 00

MACHINISTS' OCTAGON PATTERN CROSS-PEIN HAMMERS,

Oil Finished, Polished Face and Pein.



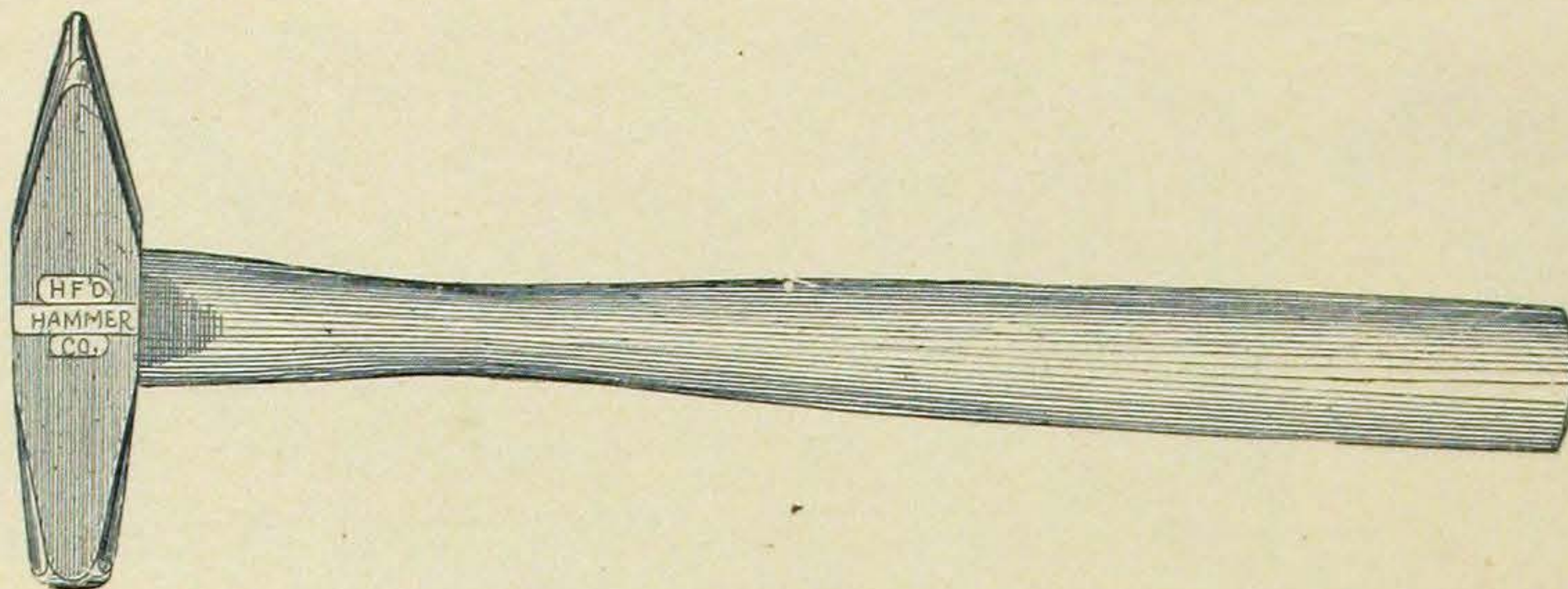
No. 323, FULL SIZE.

Nos.	Weight.	Per doz.
320	6 oz.	\$12.00
321	8 oz.	12.00
322	12 oz.	12.00
323	1 lb.	12.50
324	1 lb. 4 oz.	13.50
325	1 lb. 8 oz.	14.50
326	1 lb. 12 oz.	15.50
327	2 lbs.	16.50
328	2 lbs. 4 oz.	17.50
329	2 lbs. 8 oz.	19.00
330	2 lbs. 12 oz.	20.50
331	3 lbs.	22.00
332	3 lbs. 8 oz.	24.00

ABOVE WEIGHTS WITHOUT HANDLES.

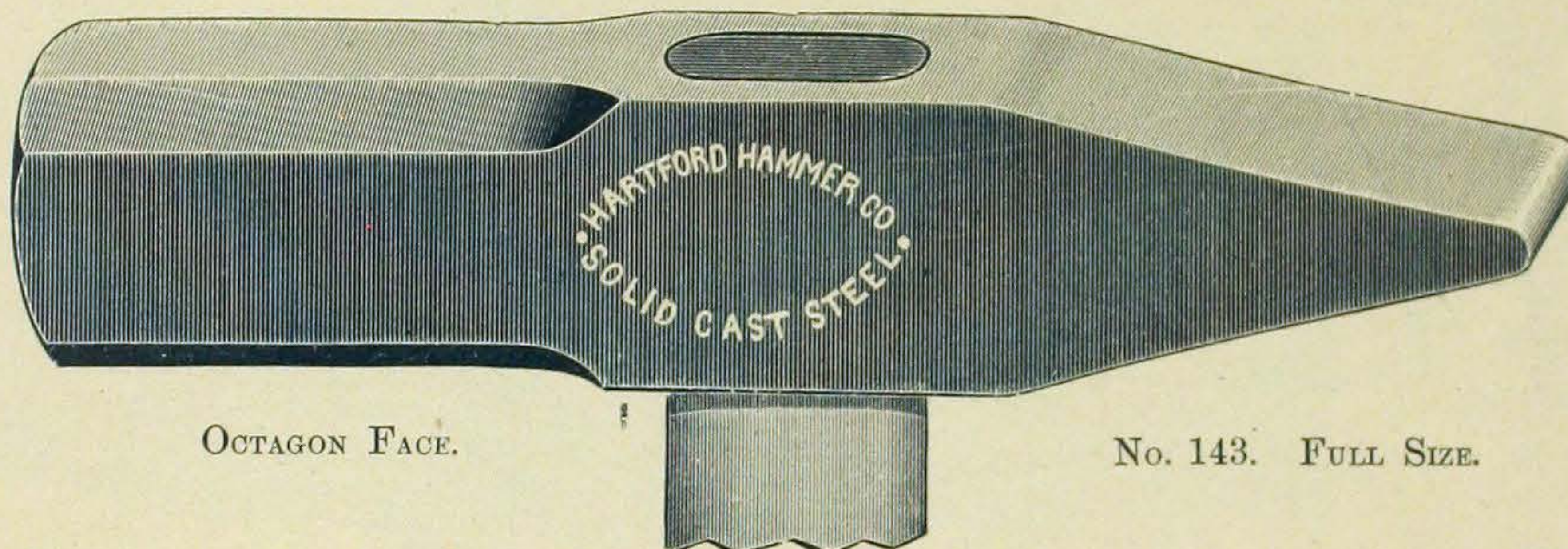
Sizes 20 to 26, inclusive, One-half Dozen in a Paper Box; Sizes 27 to 32, inclusive, One-third dozen in a Paper Box.

Solid Cast Steel Plain-Eye Riveting Hammers.



Numbers,	41	42	43	44	45	46	47	48
Weight,	4 oz.	7 oz.	9 oz.	12 oz.	15 oz.	1 lb. 2 oz.	1 lb. 6 oz.	1 lb. 10 oz.
Per dozen,	\$5.50	5.75	6.00	6.25	6.50	7.00	7.50	8.00

Solid Cast Steel Tinnners' Riveting Hammers.



OCTAGON FACE.

No. 143. FULL SIZE.

Numbers,	141	142	143	144	145	146
Weight,	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.
Per dozen,	\$6.00	6.25	6.75	7.25	7.75	8.50

Solid Cast Steel Tinnners' Paneing Hammers.



SQUARE FACE.

No. 243. FULL SIZE

Numbers,	241	242	243	244	245	246
Weight,	8 oz.	12 oz.	1 lb.	1 lb. 4 oz.	1 lb. 8 oz.	1 lb. 12 oz.
Per dozen,	\$6.00	6.25	6.75	7.25	7.75	8.50

Above Weights without Handles.

Half-dozen in a paper box.

Ten dozen in a case.

FARRIERS' IMPROVED HAMMERS.

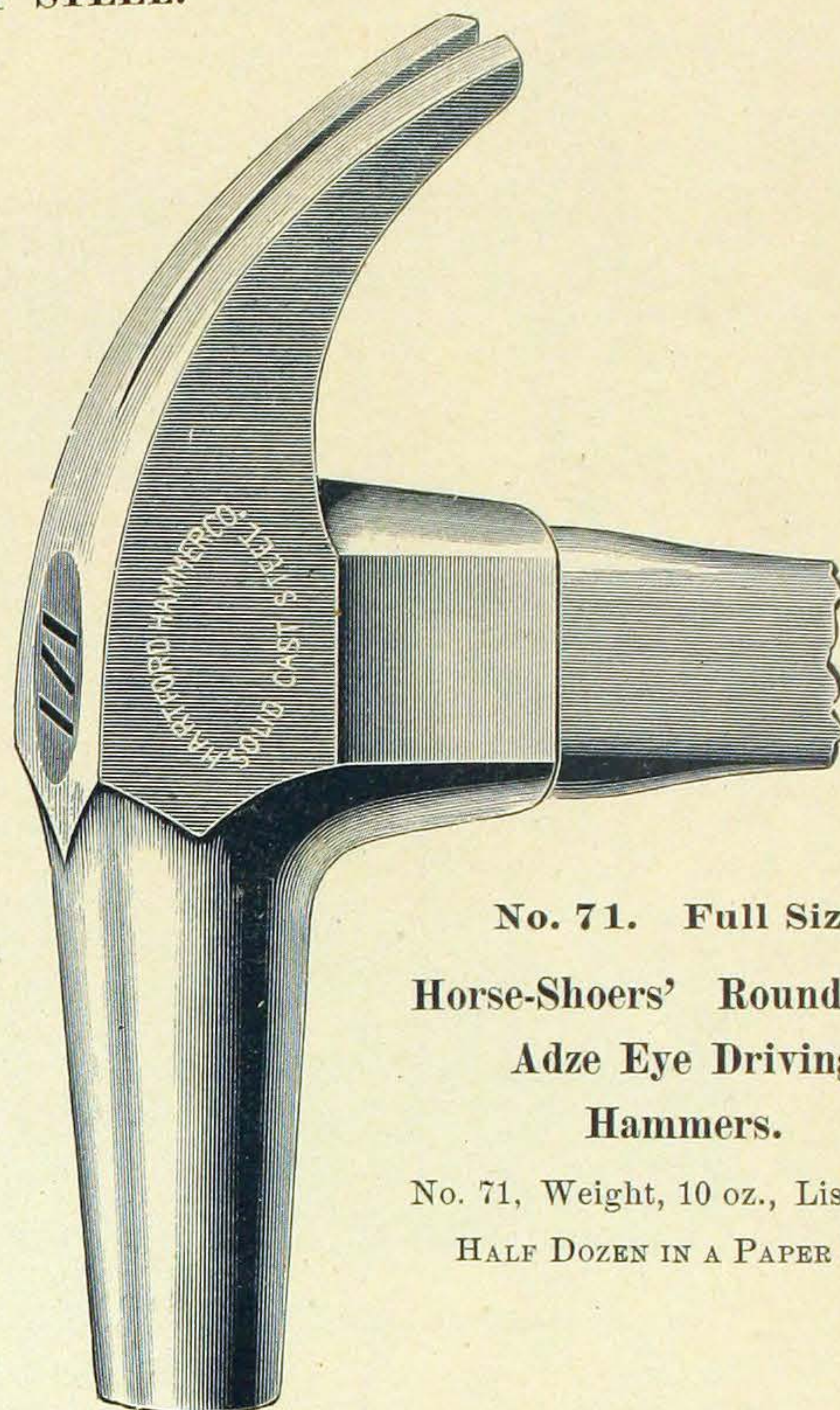
SOLID CAST STEEL.



No. 70 Full Size.

Horse-Shoers' Octagon Pole
Adze Eye Driving
Hammers.

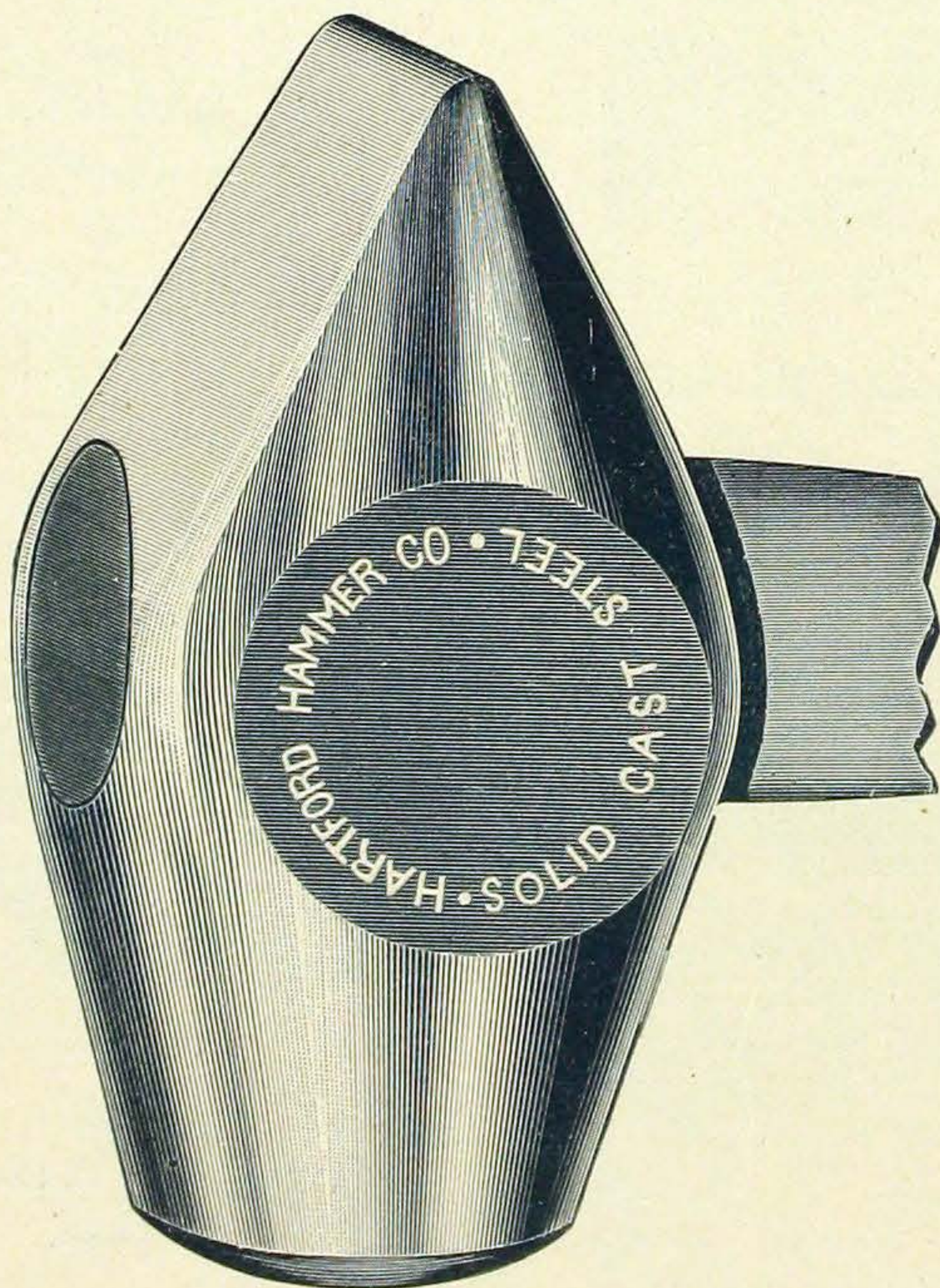
No. 70, Weight, 8 oz., List, \$7.50
HALF DOZEN IN A PAPER BOX.



No. 71. Full Size.

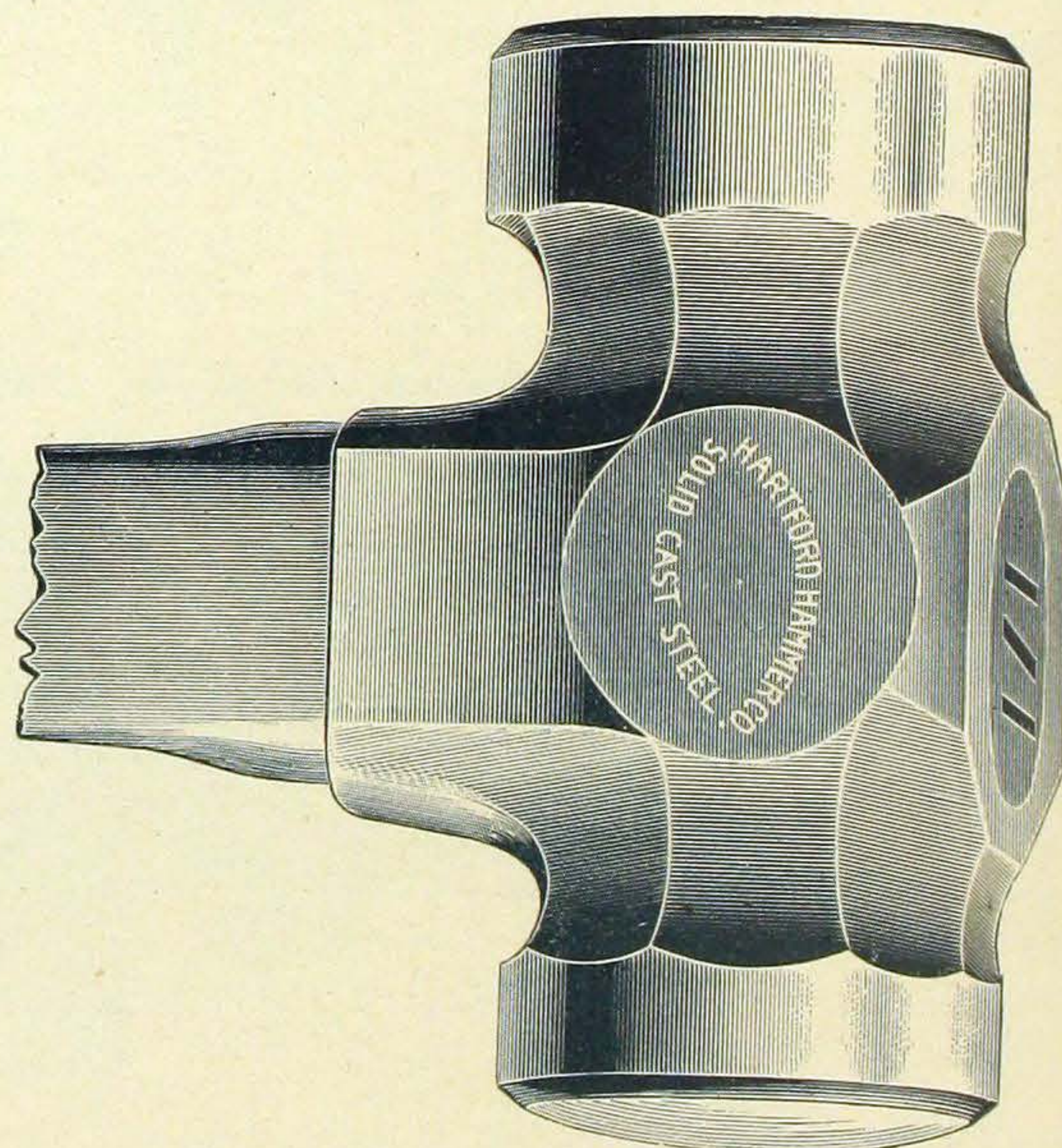
Horse-Shoers' Round Pole
Adze Eye Driving
Hammers.

No. 71, Weight, 10 oz., List, \$8.00
HALF DOZEN IN A PAPER BOX.



Represents Full Size. Chicago Pattern.
Horse-Shoers' Full Polished Turning Hammers.
No. 161, Weight 2 to 3 lbs., \$34.00

ABOVE WEIGHTS WITHOUT HANDLE.



Represents Full Size. New York Pattern.
Horse-Shoers' Fitting Hammers.

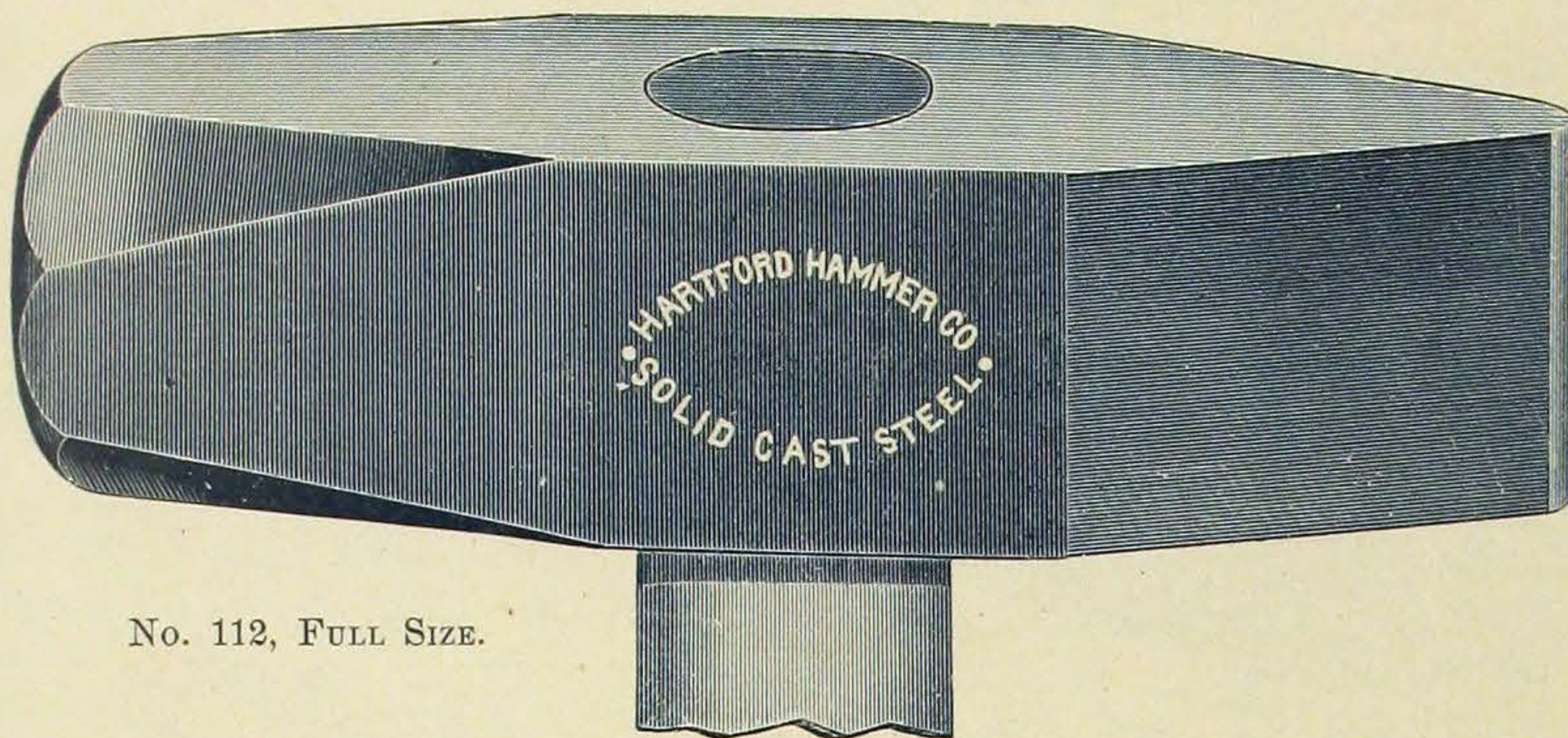
No. 61, Weight, 2 lbs. 3 oz., \$30.00

The Fitting Hammer is of an entirely new design, with four striking faces,
to facilitate the fitting up of horse-shoes.

ONE-THIRD DOZEN IN A PAPER BOX.

FIVE DOZEN IN A CASE.

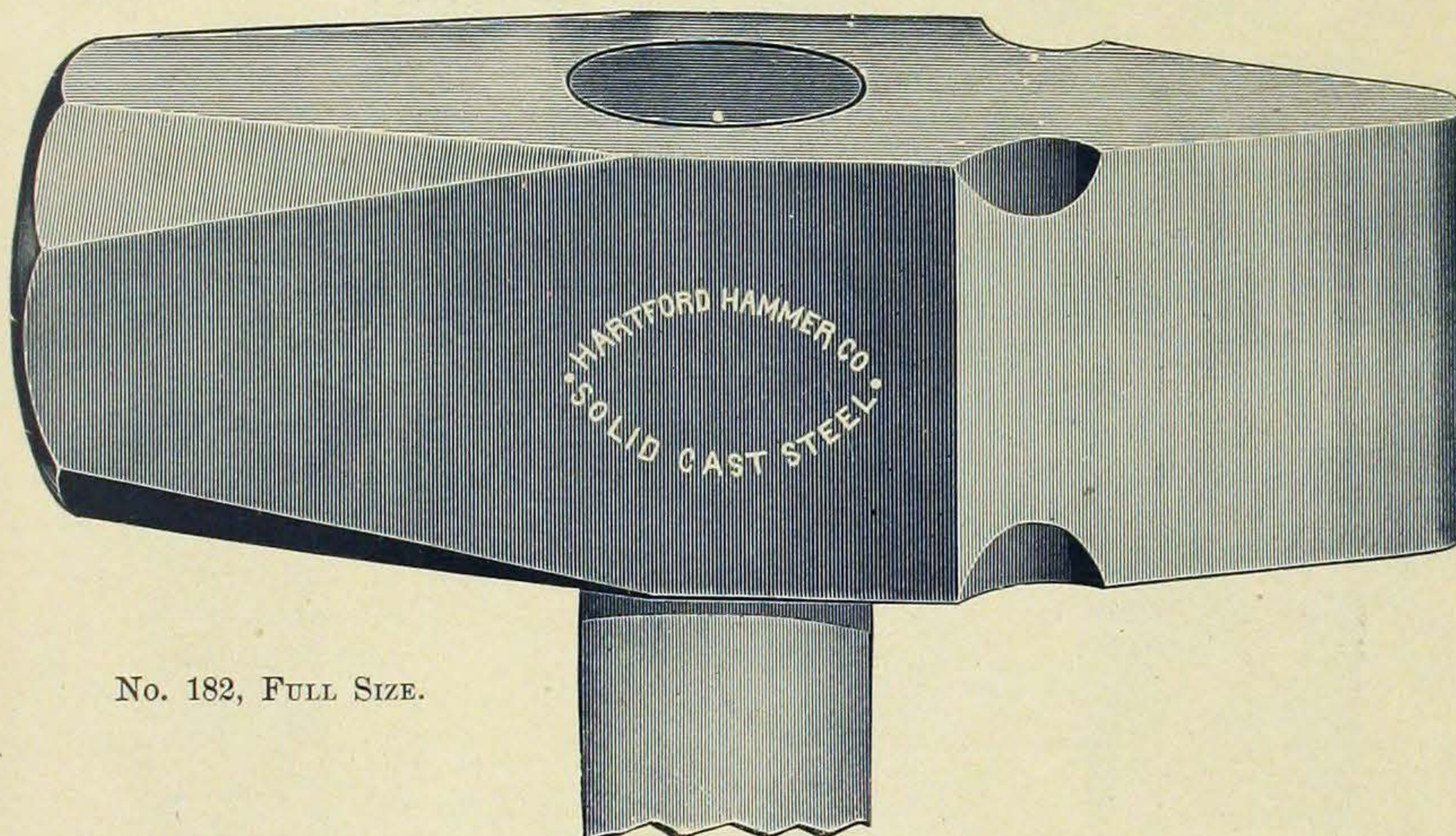
Solid Cast Steel Chipping Hammers.



No. 112, FULL SIZE.

Nos.	Weights.	Per Dozen.
110	1 lb.	\$12.50
111	1 lb. 4 oz.	13.00
112	1 lb. 8 oz.	13.50
113	2 lbs.	14.50
114	2 lbs. 8 oz.	15.50
115	2 lbs. 14 oz.	16.50

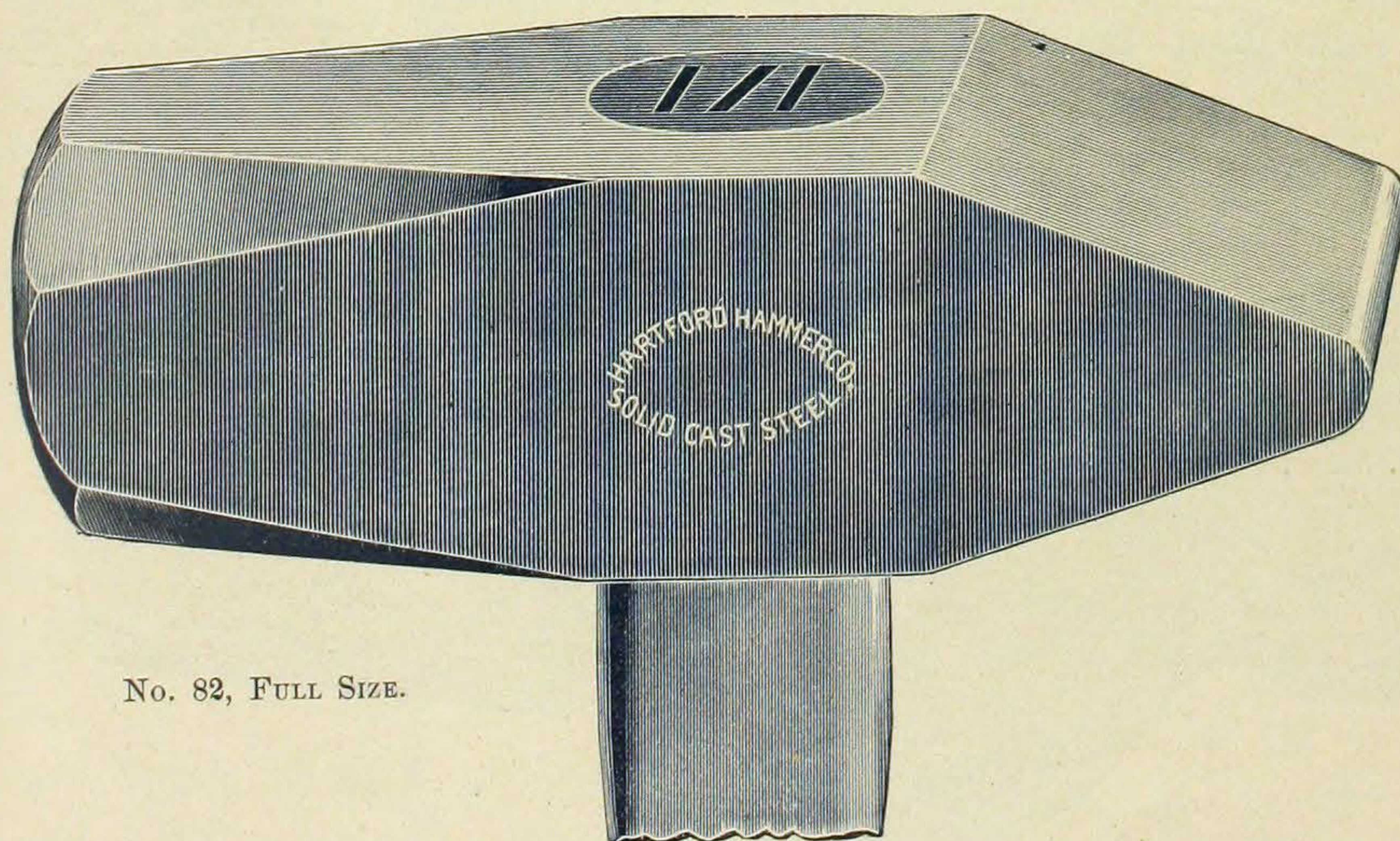
Solid Cast Steel Coopers' Hammers.



No. 182, FULL SIZE.

Nos.	Weights.	Per Dozen.
181	2 lbs.	\$16.00
182	2 lbs. 8 oz.	17.00
183	3 lbs.	18.00
184	3 lbs. 8 oz.	19.00
185	4 lbs.	20.00

Solid Cast Steel Blacksmiths' Hand Hammers.

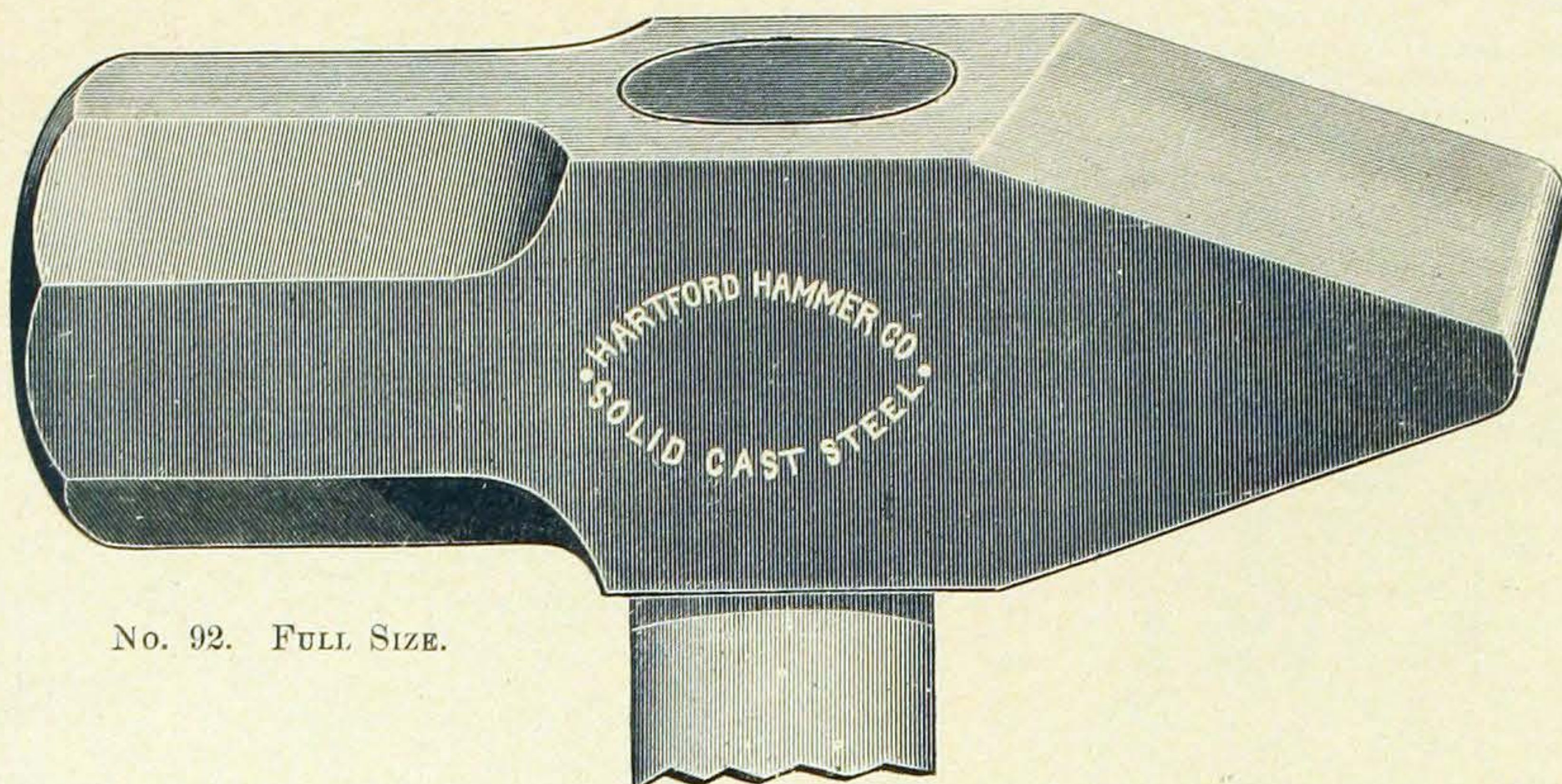


No. 82, FULL SIZE.

Nos.	Weights.	Per Dozen.
80	1 lb. 10 oz.	\$13.00
81	2 lbs.	14.00
82	2 lbs. 10 oz.	15.00
83	3 lbs.	16.00
84	3 lbs. 8 oz.	17.00
85	4 lbs. 8 oz.	19.00

Above weights without handles. One-third dozen in a paper box.

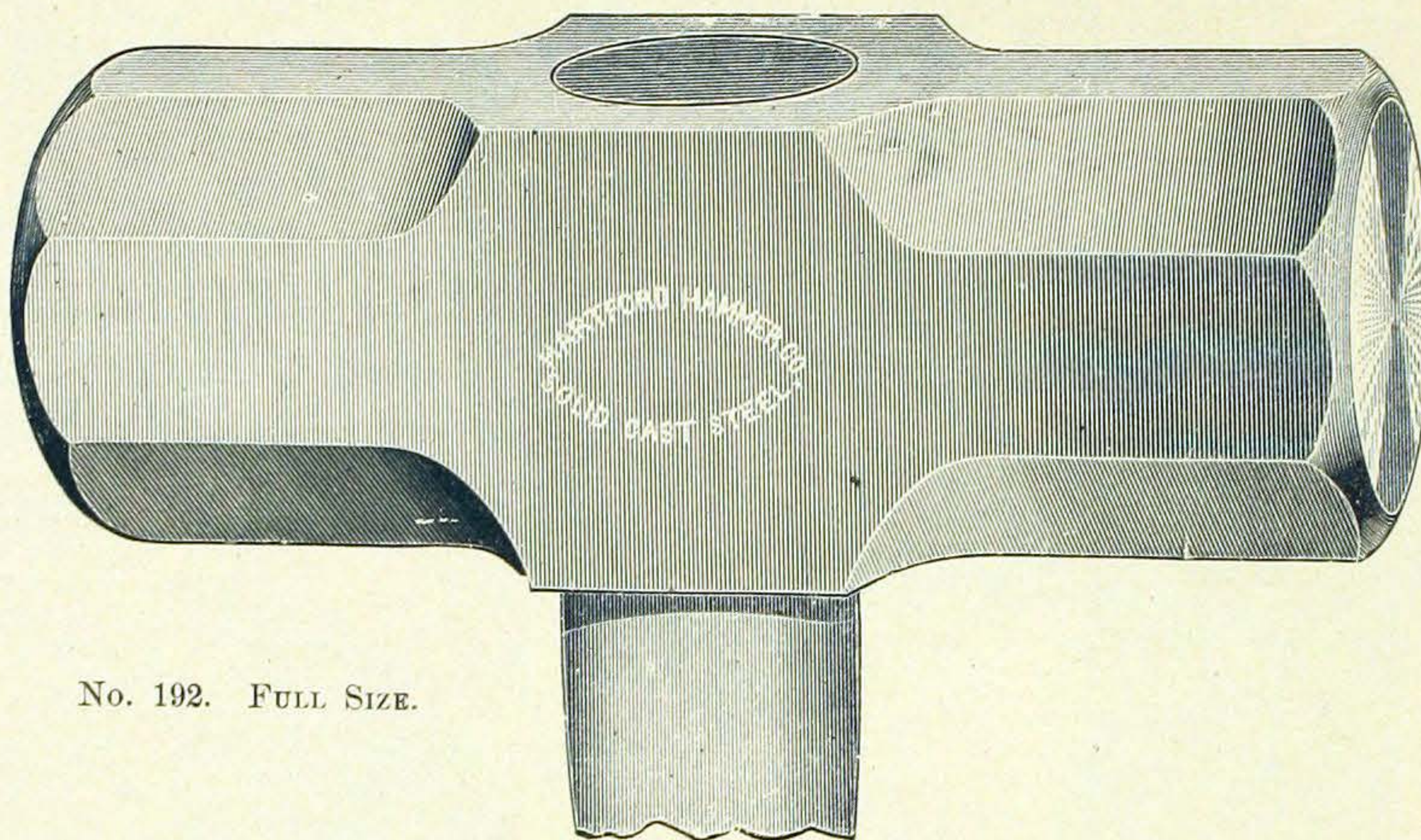
Solid Cast Steel Plow and Engineers' Hammers.



No. 92. FULL SIZE.

Nos.	Weights.	Per Dozen.
90	1 lb. 2 oz.	\$12.00
91	1 lb. 10 oz.	13.00
92	2 lbs.	14.00
93	2 lbs. 8 oz.	15.00
94	2 lbs. 12 oz.	15.50
95	3 lbs.	16.00
96	3 lbs. 8 oz.	17.00
97	4 lbs. 8 oz.	19.00

Solid Cast Steel Engineer's Double-Face Hammers.



No. 192. FULL SIZE.

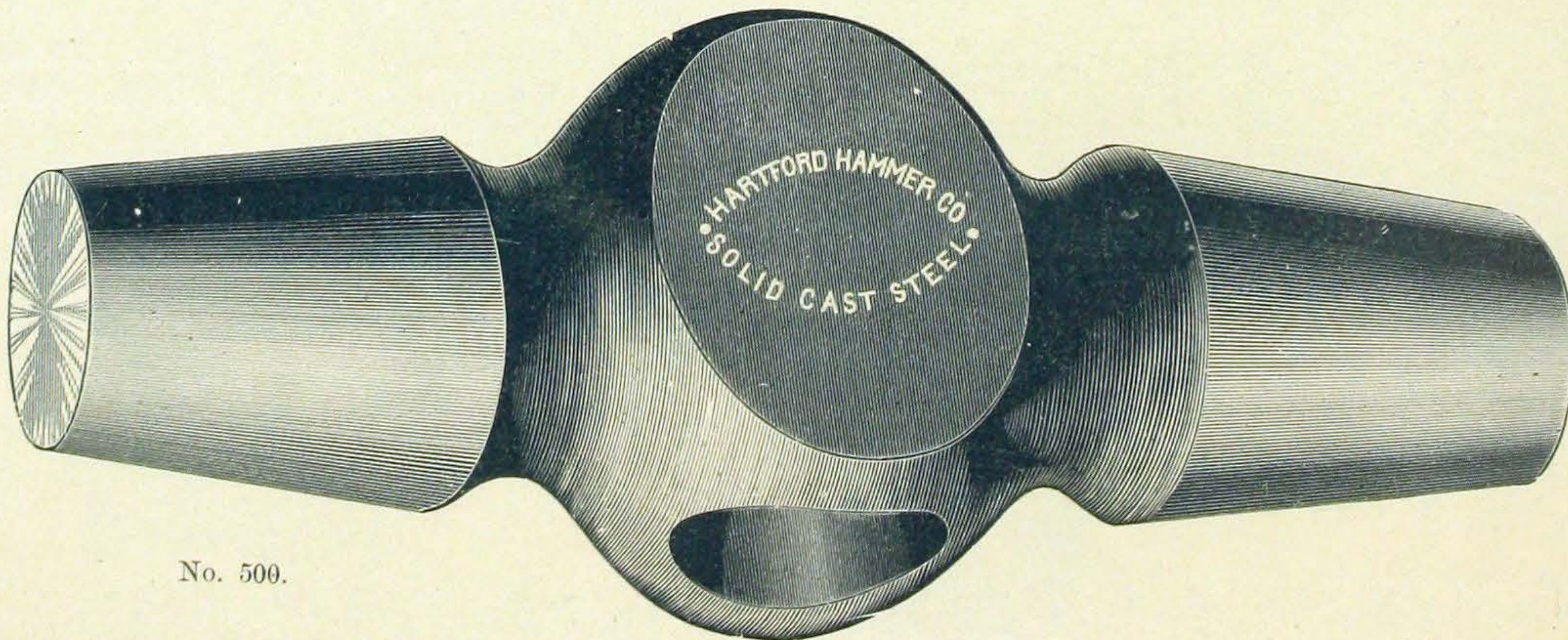
Nos.	Weights.	Per Dozen.
190	1 lb. 8 oz.	\$14.50
191	2 lbs.	15.50
192	2 lbs. 6 oz.	16.50
193	3 lbs.	18.00
193	3 lbs. 10 oz.	19.50

ABOVE WEIGHTS WITHOUT HANDLES.

ONE-THIRD DOZEN IN A PAPER BOX.

Solid Cast Steel Boiler Maker's Hammers.

POLISHED FACES, OIL FINISHED.



No. 500.

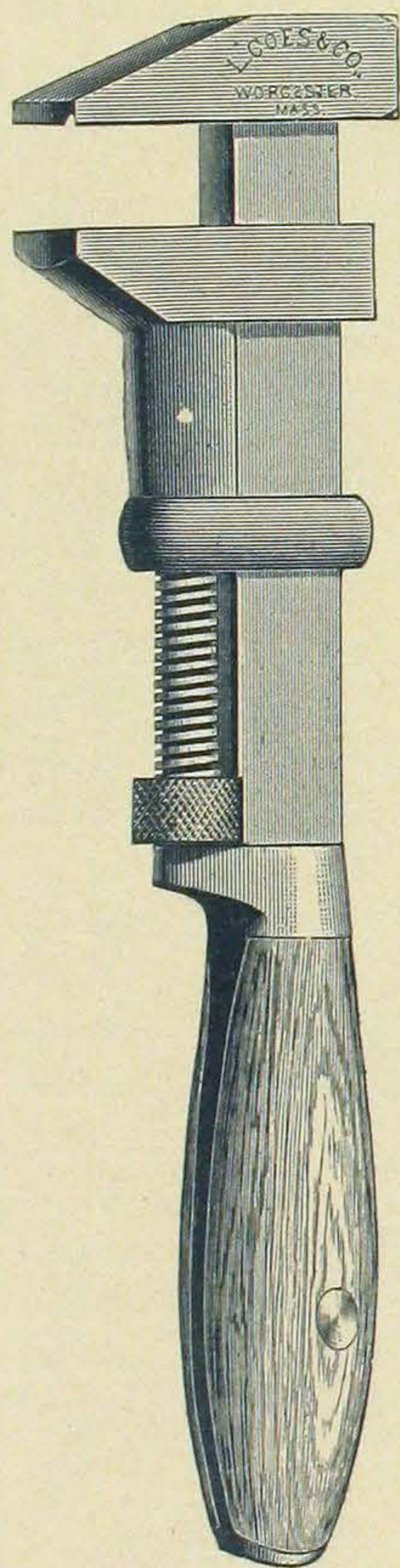
Weight, 2 to 3 lbs.,

50 cents per pound.

AGENTS FOR

COES WRENCH CO.'S

GENUINE PATENT KNIFE HANDLE WRENCHES.



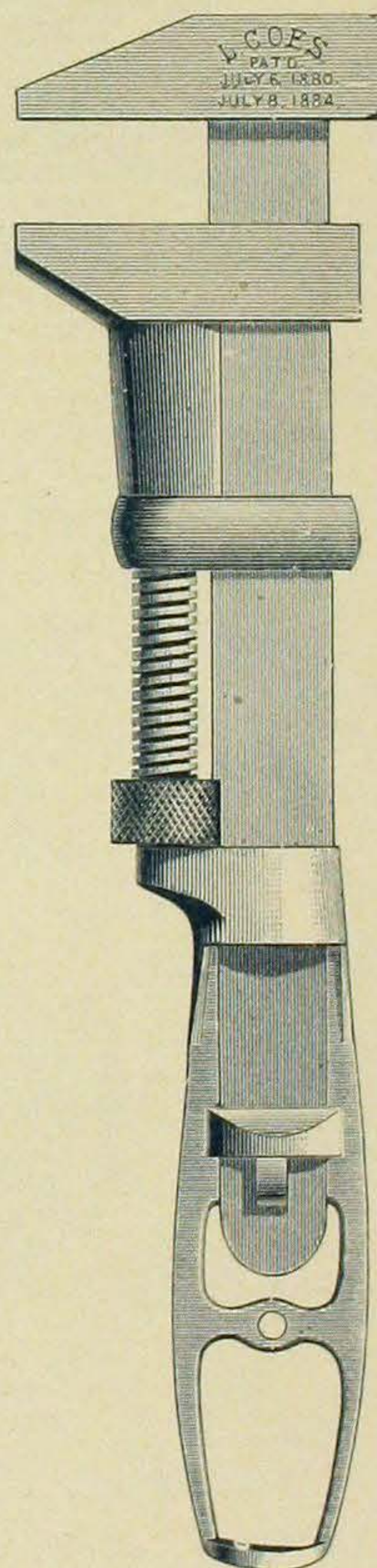
BLACK.

Size.	Per Doz.
6 inch,	\$9.00
8 "	10.00
10 "	12.00
12 "	14.00
15 "	24.00
18 "	30.00
21 "	36.00

BRIGHT.

Size.	Per Doz.
4 inch,	\$10.00
6 "	10.00
8 "	11.00
10 "	14.00
12 "	16.00
15 "	26.00
18 "	32.00
21 "	38.00

By sectional view we illustrate our NEW KNIFE HANDLE, showing Malleable Iron Frame and Shank of Bar keyed into position.



For the convenience of the Trade, we state the opening capacity of each size Wrench, and contents of cases.

Size Wrench,	4	6	8	10	12	15	18	21 inch.
Will Open,	$\frac{1}{2}$	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{5}{8}$	3	$4\frac{1}{8}$ "
Cases Contain,	6	6	6	6	6	3	2	1 doz.

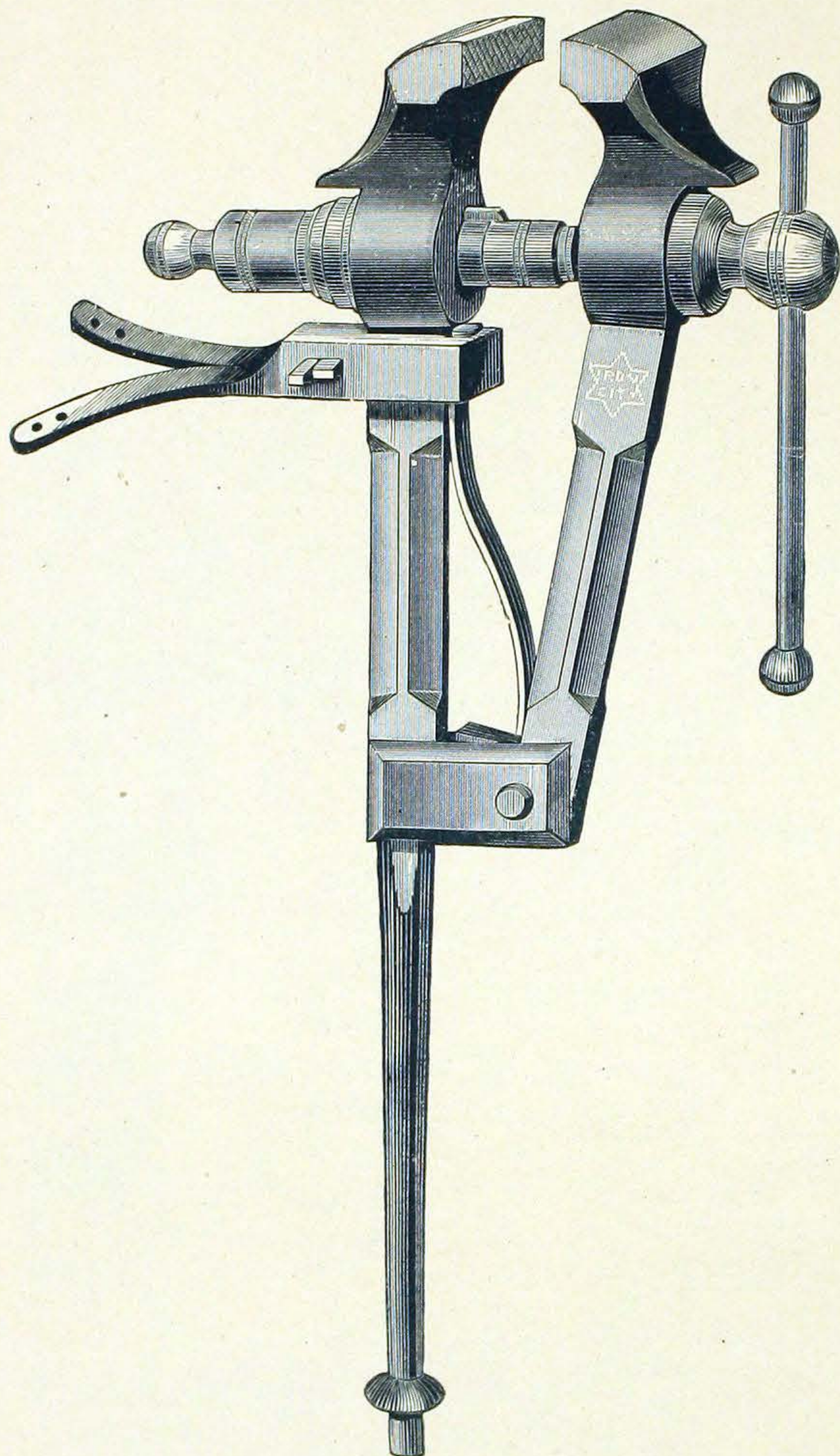
AGENTS FOR

IRON CITY TOOL WORKS, LIMITED.

In ordering Tools, be particular to give *number* in our Price Book, also *weight* desired. If Tool is wanted in different shape from our cuts, send exact pattern, or full size drawing; otherwise we will not consider ourselves responsible for any error made, either in shape or weight.

SOLID BOX VISES.

No. 1.



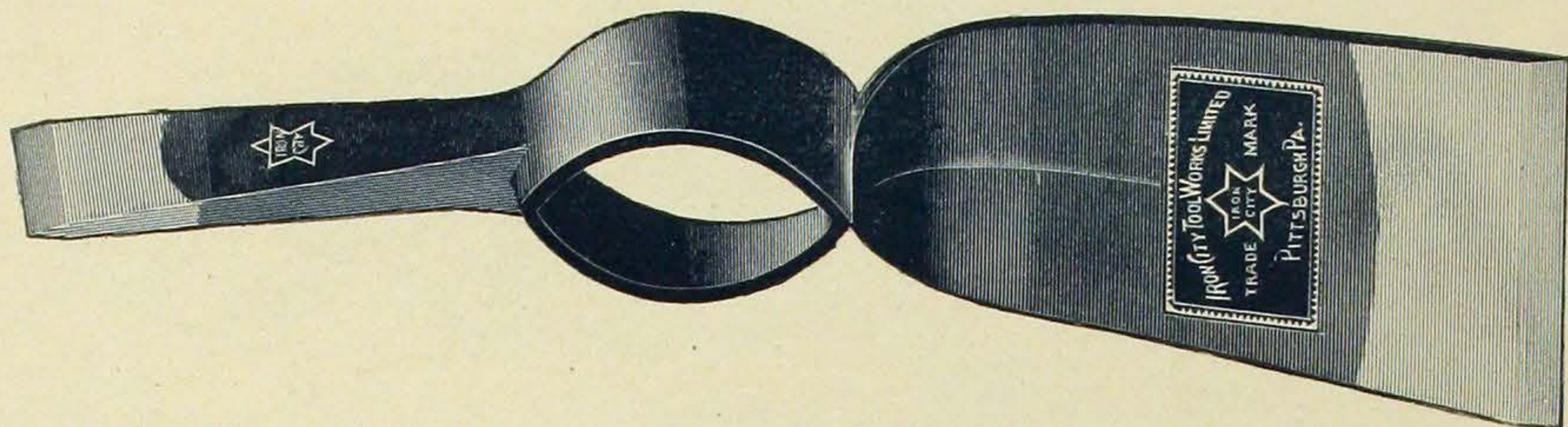
No. 25	Vise; width of Jaw, $3\frac{3}{8}$ inches,	\$12.00
" 30	" " " $3\frac{1}{2}$ "	11.00
" 35	" " " $3\frac{7}{8}$ "	10.00
" 40	" " " 4 "	10.50
" 45	" " " $4\frac{1}{4}$ "	11.00
" 50	" " " $4\frac{1}{4}$ "	11.50
" 55	" " " $4\frac{1}{2}$ "	12.00
" 60	" " " $4\frac{1}{2}$ "	13.00
" 65	" " " $4\frac{3}{4}$ "	14.00
" 70	" " " 5 "	15.00
" 75	" " " 5 "	16.00
" 80	" " " $5\frac{1}{4}$ "	17.50
" 85	" " " $5\frac{1}{4}$ "	18.50
" 90	" " " $5\frac{1}{2}$ "	20.00
" 95	" " " $5\frac{3}{4}$ "	21.00
" 100	" " " 6 "	22.00
" 105	" " " 6 "	23.00
" 110	" " " $6\frac{1}{4}$ "	24.00
" 115	" " " $6\frac{1}{4}$ "	25.00
" 120	" " " $6\frac{1}{2}$ "	26.00
" 125	" " " $6\frac{1}{2}$ "	27.50
" 130	" " " $6\frac{3}{4}$ "	29.00
" 135	" " " $6\frac{3}{4}$ "	31.50
" 140	" " " 7 "	33.00
" 145	" " " 7 "	35.00
" 150	" " " 7 "	36.00
" 160	" " " $7\frac{1}{4}$ "	41.50
" 170	" " " $7\frac{1}{4}$ "	44.50
" 180	" " " 8 "	47.00
" 190	" " " 8 "	53.00
" 200	" " " 8 "	56.00

BOXES AND SCREWS.

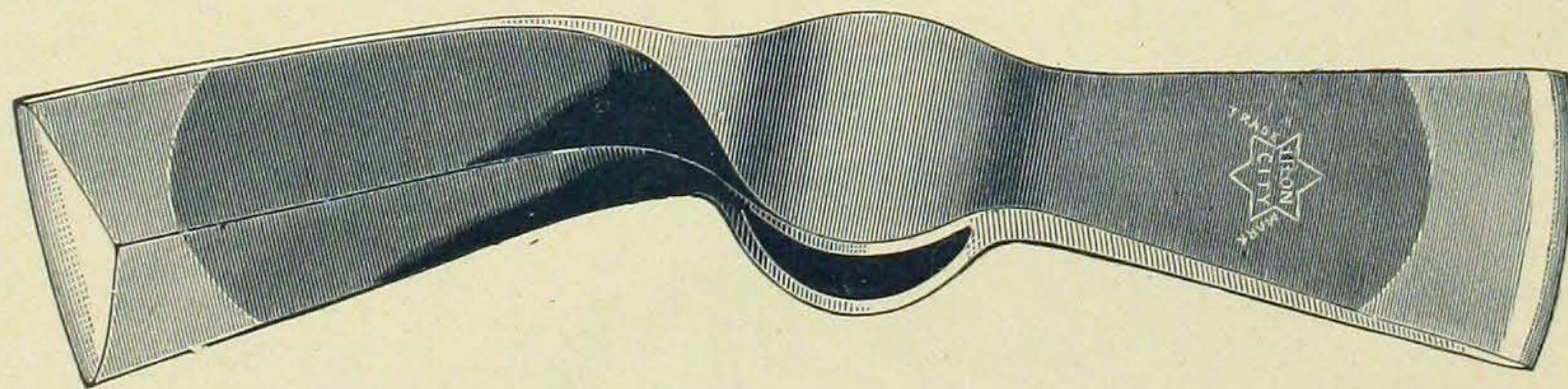
Diam. of Screw.

$1\frac{1}{8}$ inch, No. 1, for Vises from No. 30 to No. 50,		\$3.50 each.
$1\frac{1}{4}$ " " 2, " " 55 " 70,		4.00 "
$1\frac{1}{4}$ " " 3, " " 75 " 85,		4.50 "
$1\frac{1}{2}$ " " 4, " " 90 " 100,		6.50 "
$1\frac{1}{2}$ " " 5, " " 105 " 125,		8.00 "
$1\frac{3}{4}$ " " 6, " " 130 " 195,		9.50 "
2 " " 7, " " 200 " 250,		11.00 "

No. 2, Long Cutter.

[illegible]

No. 4, Long Cutter.

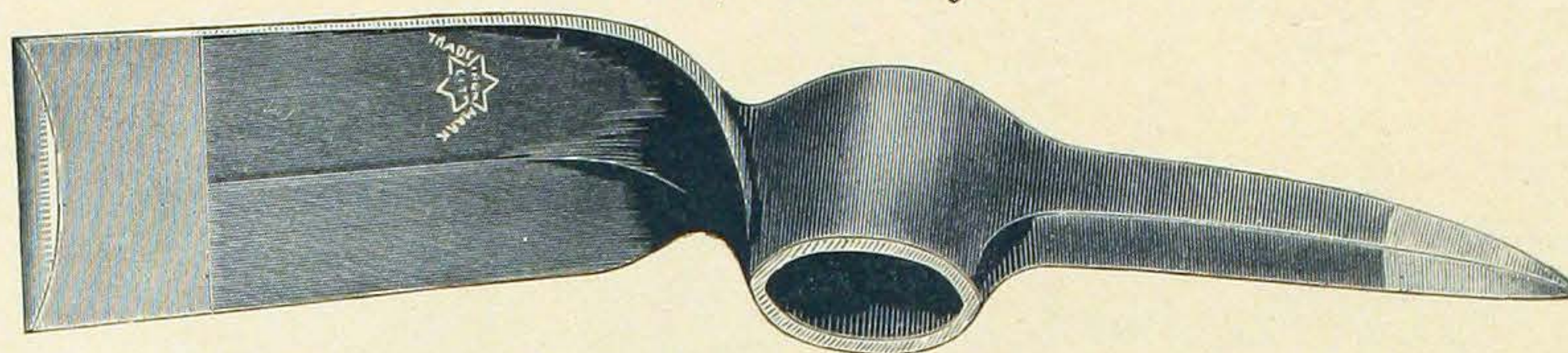


Long Cutter, 6 pounds,	\$16.00 per dozen.
“ “ 5½ “	15.50 “

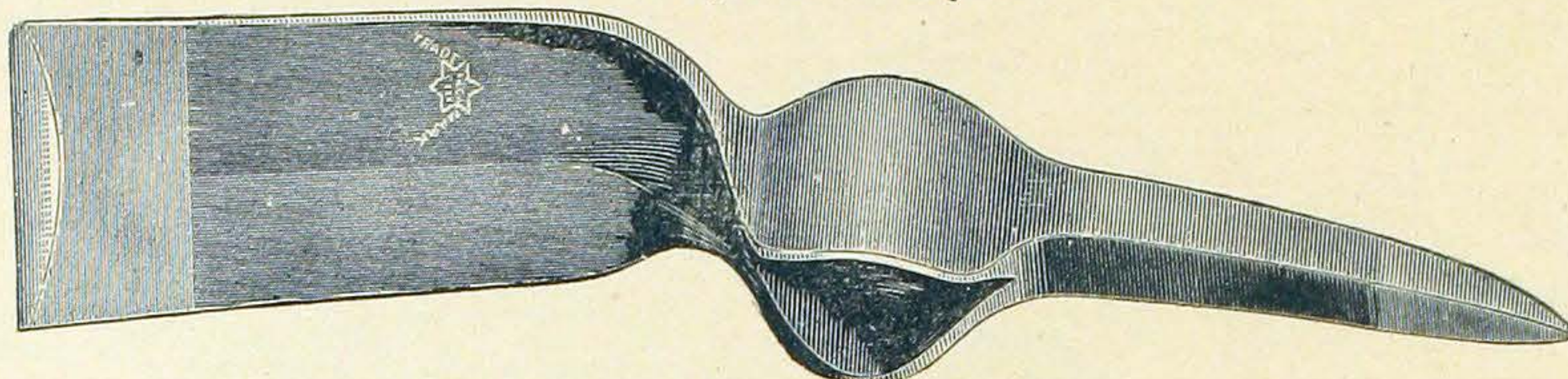
Packed two dozen in each case.
Mattocks of special shape made to order.

PICK MATTOCKS.

No. 6, Adze Eye.



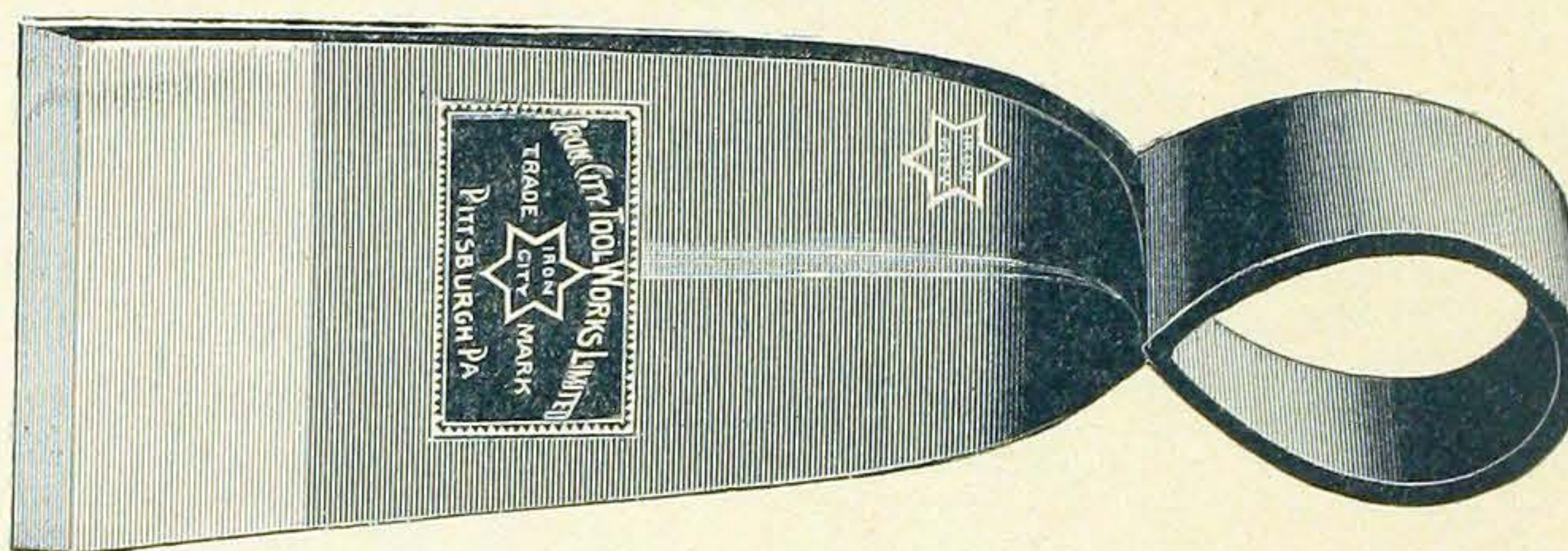
No. 7, Hunt Eye.



Adze Eye,	\$16.00 per dozen.
Hunt "	16.00 "

WESTERN PATTERN GRUB HOE.

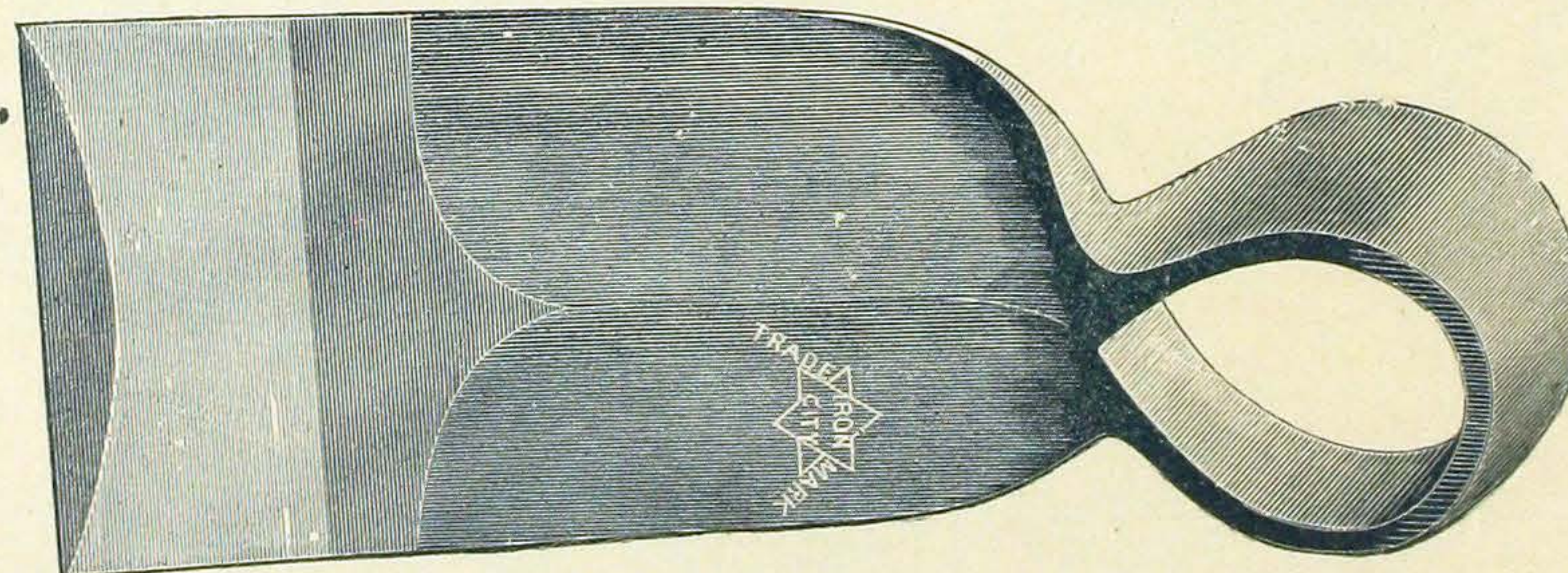
No. 8.



No.	0,	Weight,	3	pounds,		\$10.50 per dozen.
"	1,	"	3½	"		11.00 "
"	2,	"	4	"		11.50 "
"	3,	"	4½	"		12.00 "

SIMMONS PATTERN GRUB HOE.

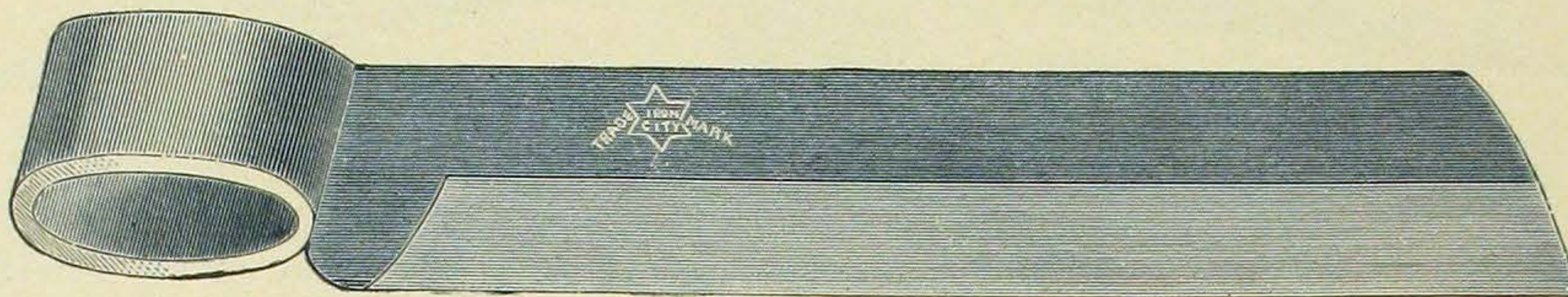
No. 9.



No. 0.	Weight,	$3\frac{1}{4}$	pounds,							\$10.75 per dozen.
" 1,	"	$3\frac{1}{2}$	"							11.00 "
" 2,	"	$4\frac{1}{2}$	"							11.75 "
" 3,	"	5	"							12.75 "
" 4,	"	$5\frac{3}{4}$	"							13.50 "

Packed two dozen in each case.
Special sizes of Eye and width of Hoe made to order.

No. 10.

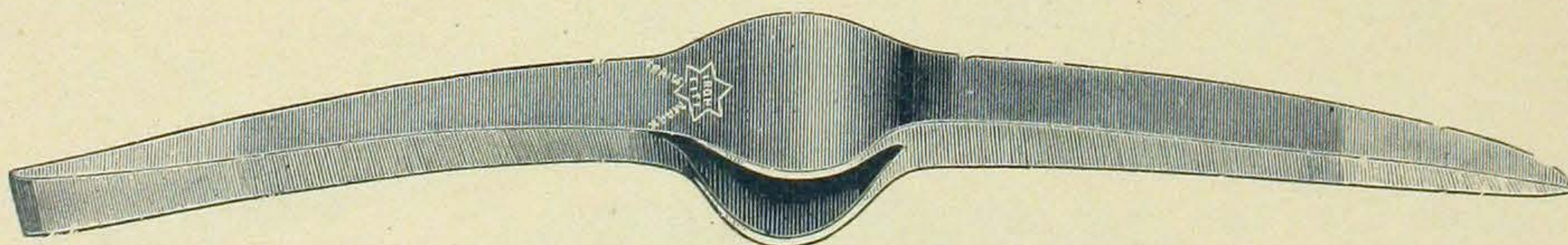


Length, 8 inches,	\$13.00 per dozen.
“ 10 “	13.50 “
“ 12 “	14.00 “
“ 14 “	14.50 “
“ 16 “	15.00 “

No. 11, Adze Eye.



No. 12, Hunt Eye.



Weight, 4 to 5 pounds,	\$11.00 per dozen.
“ 5 to 6 “	12.00 “
“ 6 to 7 “	13.00 “
“ 7 to 8 “	14.00 “
“ 8 to 9 “	16.00 “
“ 9 to 10 “	18.00 “

Packed two dozen in each case.

ADZE EYE CONTRACTORS' PICKS.

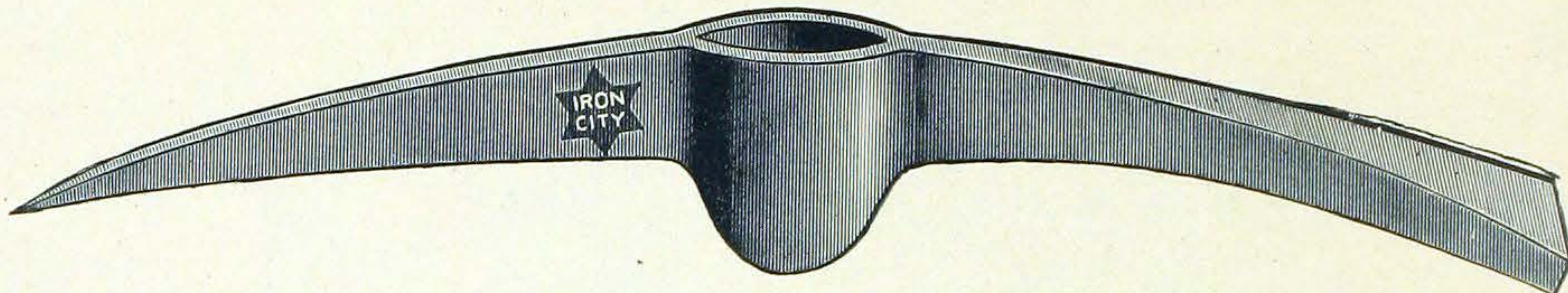
No. 55.



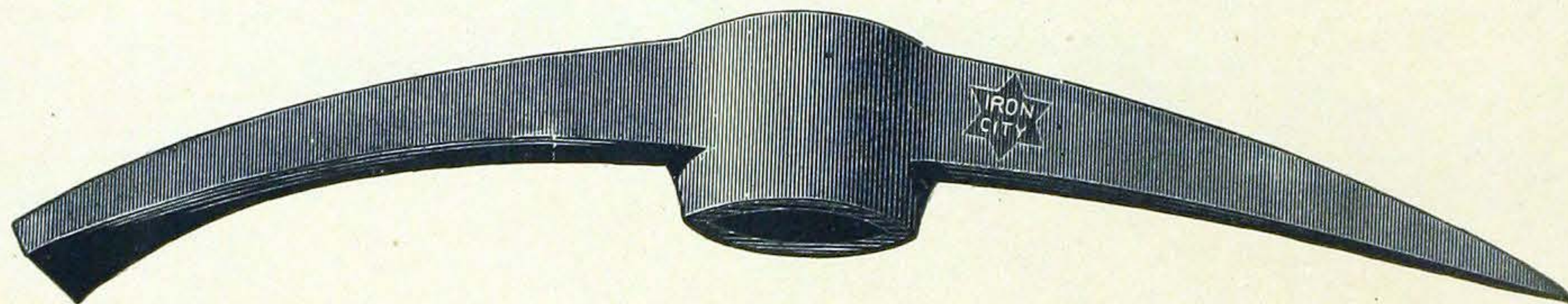
Weight, 7 pounds,		\$18.00 per dozen.
" 7½ "		18.50 "
" 8 "		19.00 "
" 8½ "		20.00 "
" 9 "		21.00 "
" 9½ "		22.00 "
" 10 "		23.00 "

TAMPING PICKS.

No. 13, Hunt Eye.



No. 14, Adze Eye.



Weight, 6 to 7 pounds,	.	.	.	.	.	.	.	\$17.00 per dozen.
" 7 to 8 "	.	.	.	.	.	.	.	18.00 "
" 8 to 9 "	.	.	.	.	.	.	.	19.00 "

ADZE EYE ORE PICKS.

No. 54.



Regular point and chisel ends, or double pointed when ordered. Extra quantity and quality of steel when ordered.

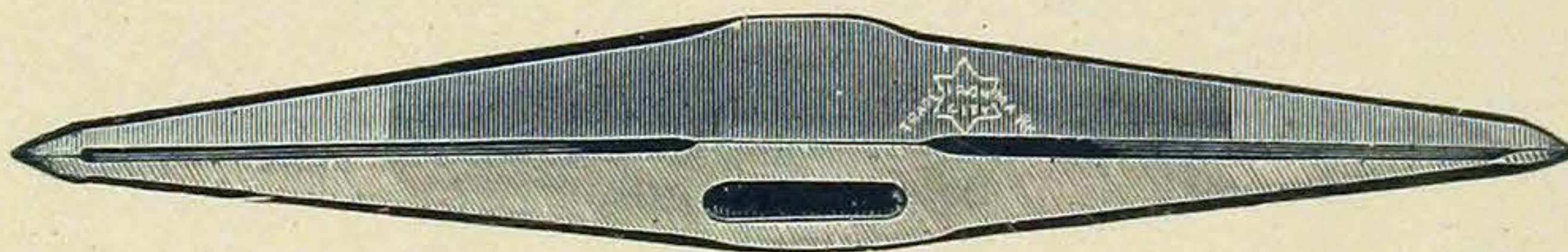
Weight, 5 to 6 pounds,	quantity of steel when ordered.	
“ 6 to 7 “		\$12.00 per dozen.
“ 7 to 8 “		13.00 “
		14.00 “

No. 15, Adze Eye.



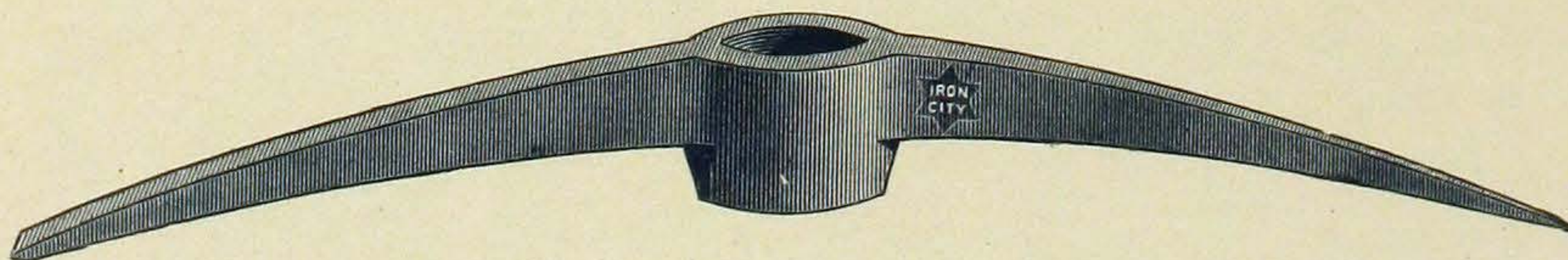
No.	1,	Weight,	2 pounds,		\$8	50 per dozen.
"	2,	"	2½ "		9	00 "
"	3,	"	3 "		9	50 "
"	4,	"	3½ "		10	00 "

No. 18.

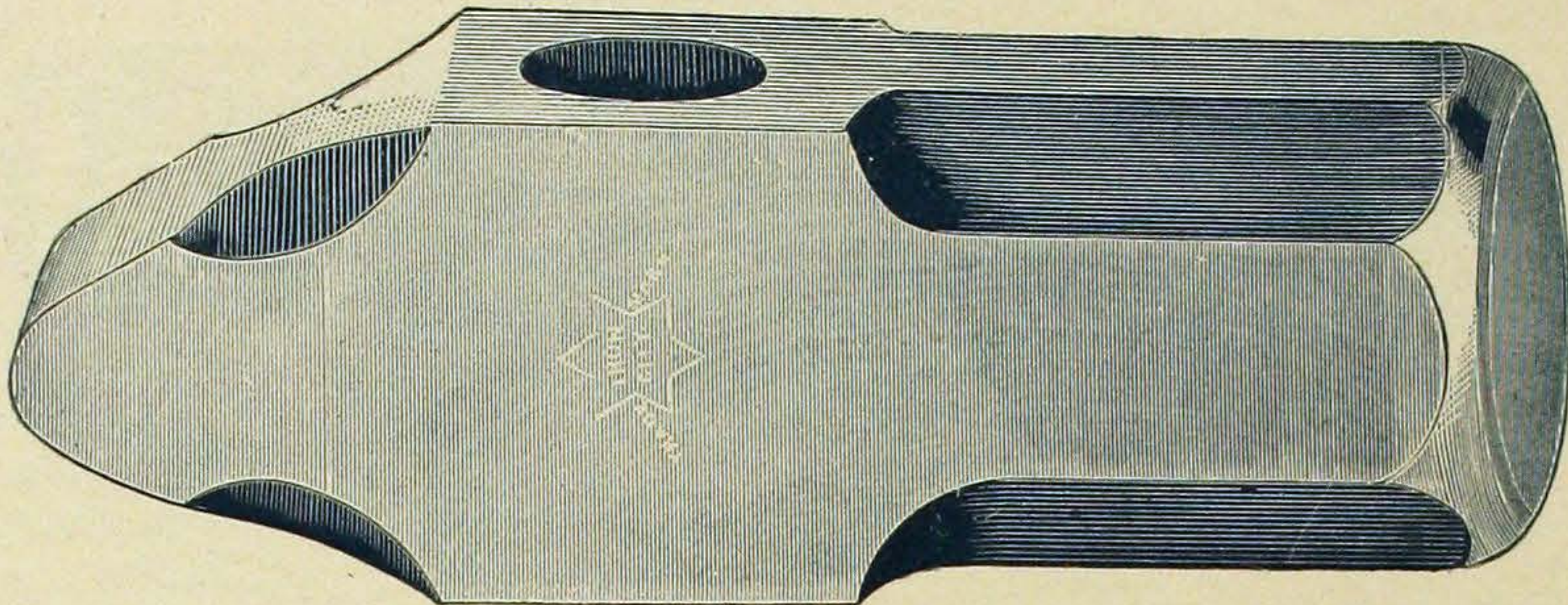


Weight, 6 to 7 pounds,	\$16 50 per dozen.
“ 7 to 8 “	17 50 “
“ 8 to 9 “	18 50 “

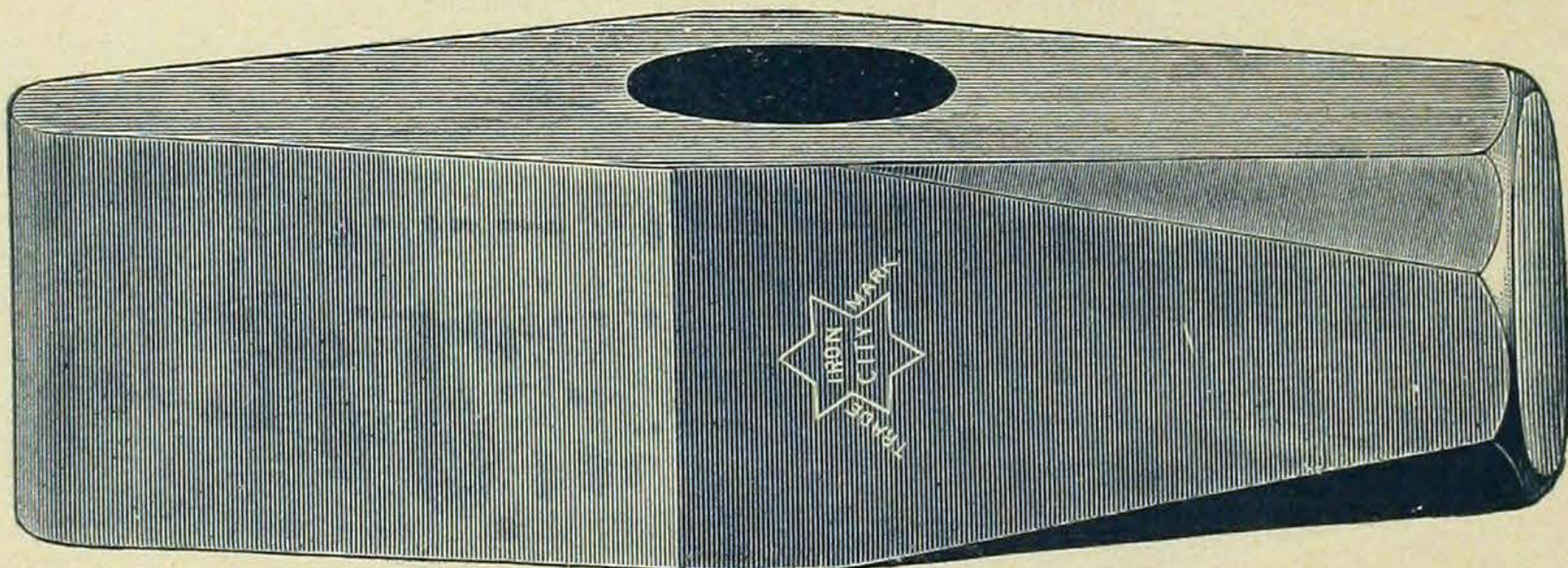
No. 19.



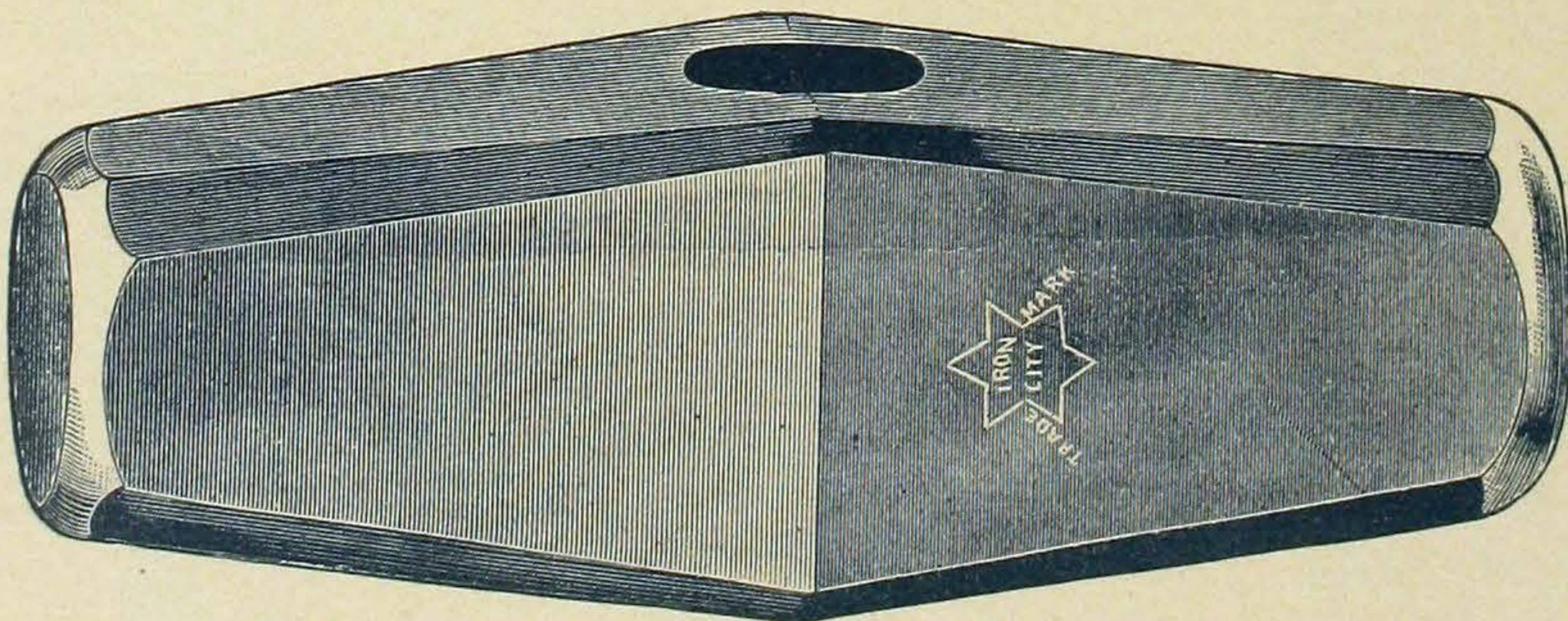
No. 1, Weight, 4 pounds,	\$14 00 per dozen.
" 2, " 4½ "	15 00 "
" 3, " 5 "	16 00 "
" 4, " 5½ "	17 00 "
" 5, " 6 "	18 00 "
" 6, " 6½ "	19 00 "
" 7, " 7 "	20 00 "

BLACKSMITH SLEDGE.**No. 34.****CROSS OR STRAIGHT PENE.**

Solid cast steel, 5 to 30 lbs.,	per lb., 30 cents.
“ 3 to 5 lbs.,	“ 36 “
“ under 3 lbs.,	“ 45 “

STONE SLEDGE.**No. 35.**

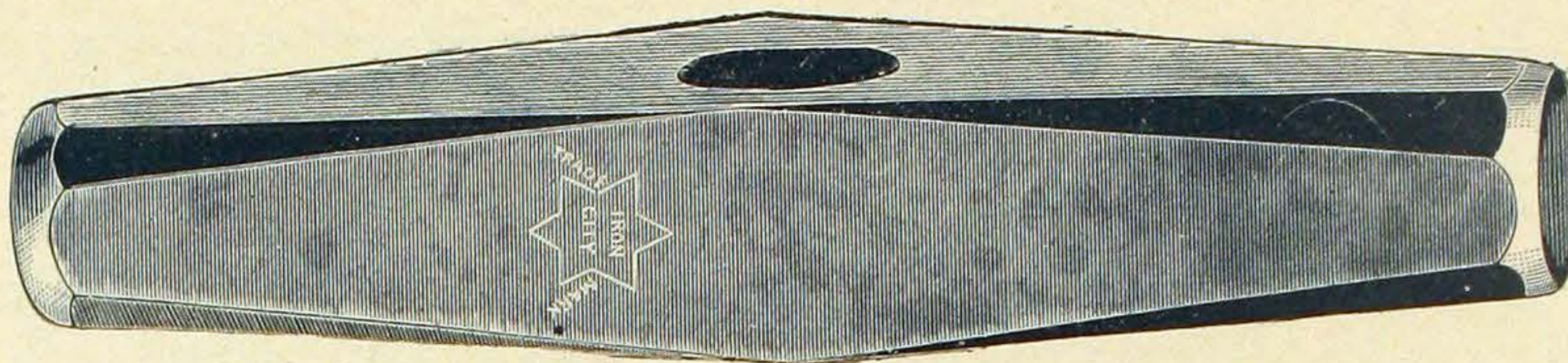
Solid cast steel, 5 to 30 lbs.,	per lb., 30 cents.
“ 3 to 5 lbs.,	“ 36 “
“ under 3 lbs.,	“ 45 “

STRIKING SLEDGE.**No. 36.****(EITHER LARGE OR SMALL EYE.)**

Solid cast steel, 5 to 30 lbs.,	per lb., 30 cents.
“ 3 to 5 lbs.,	“ 36 “
“ under 3 lbs.,	“ 45 “

COAL SLEDGE.

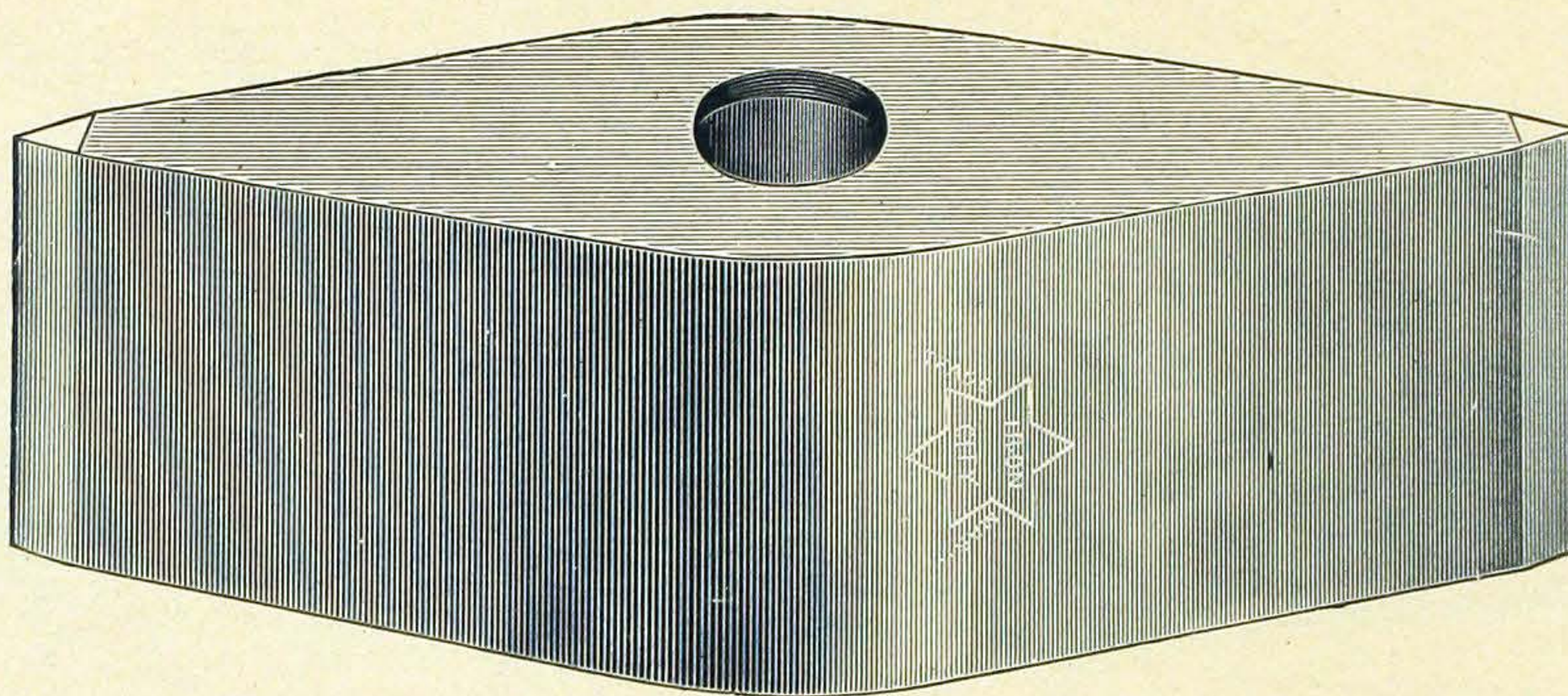
No. 37.



Solid cast steel, 5 to 10 lbs.,	per lb., 30 cents.
" " 3 to 5 lbs.,	" 36 "
" " under 3 lbs.,	" 45 "

STONE OR GRANITE AXE.

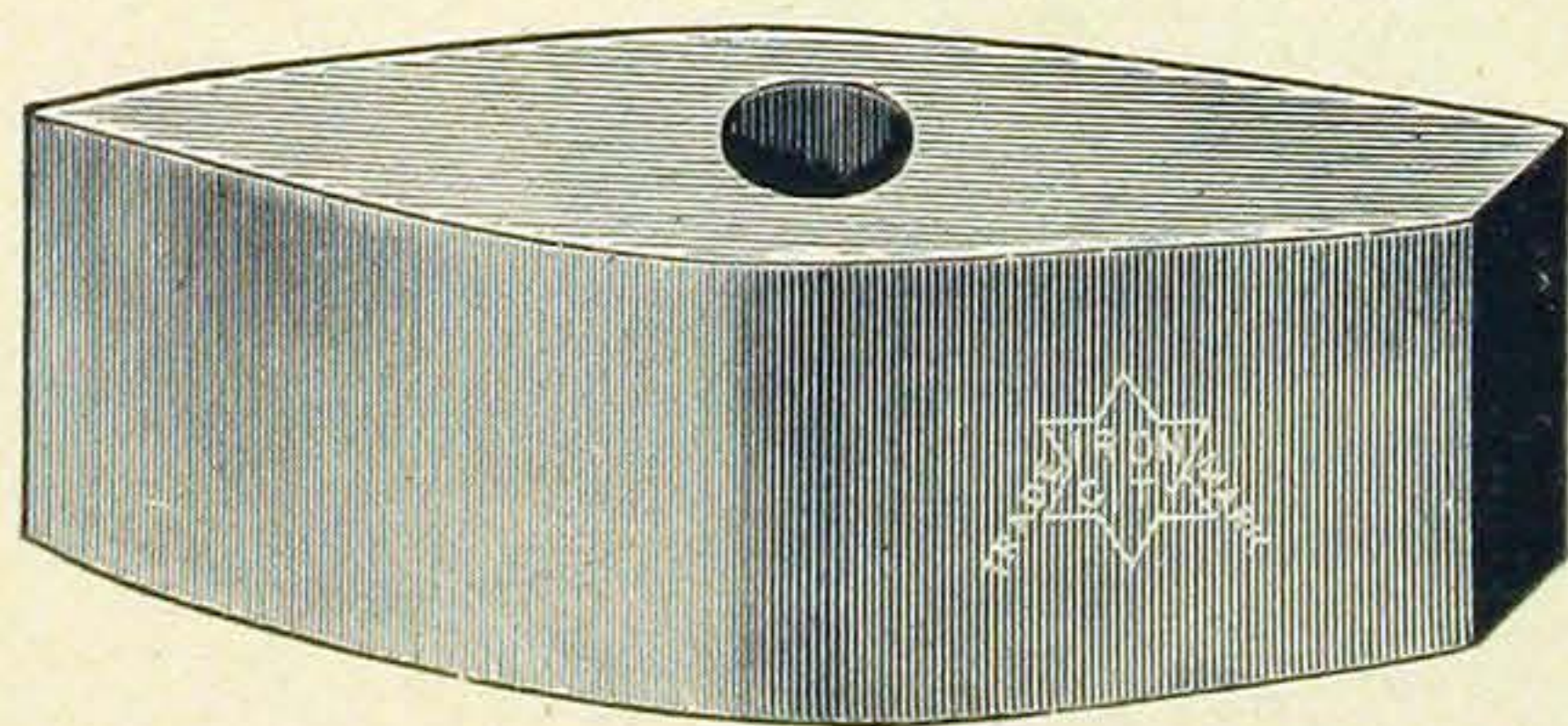
No. 38.



Solid cast steel, weight as required,	per lb., 50 cents.
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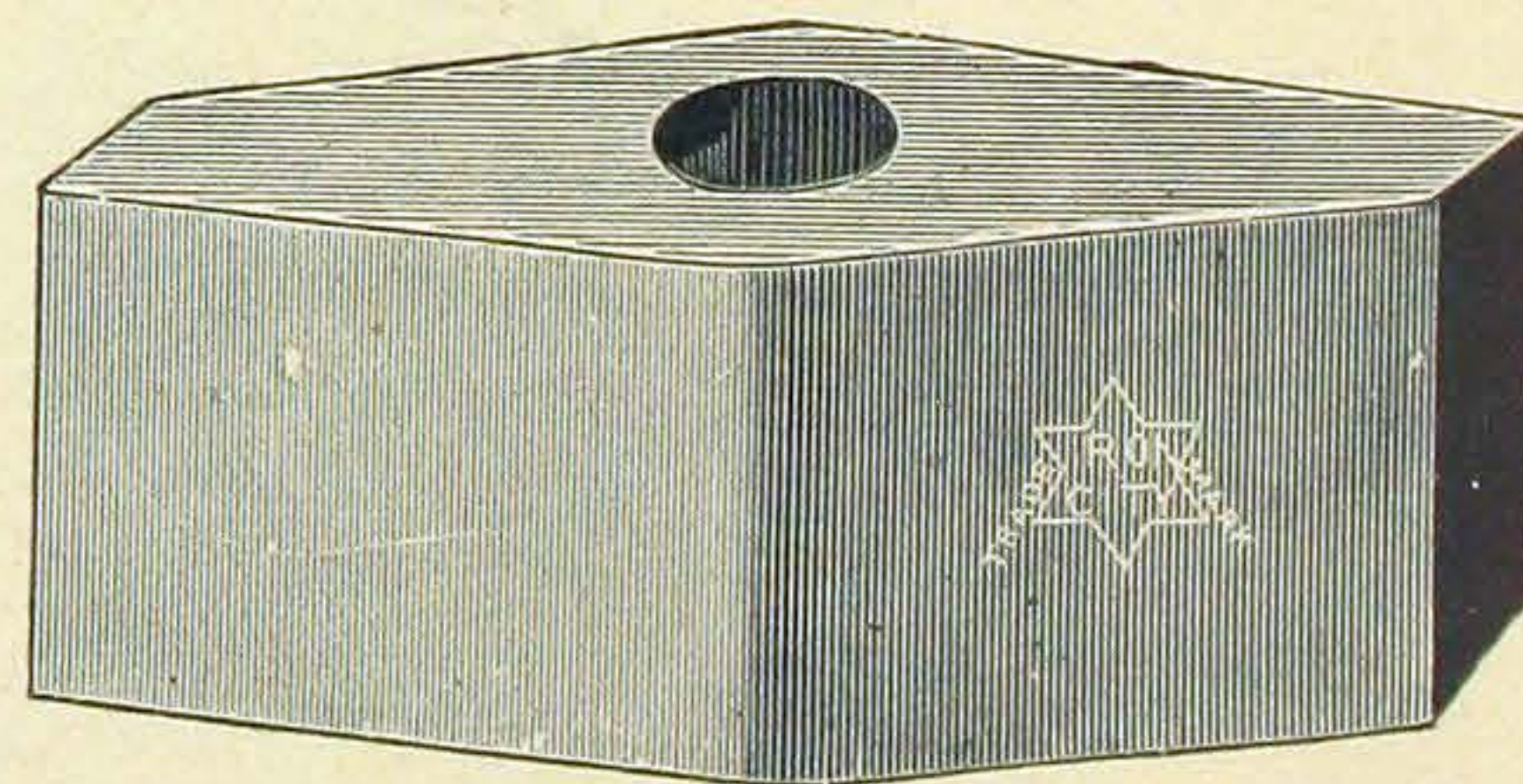
SPALLING HAMMERS.

No. 40.



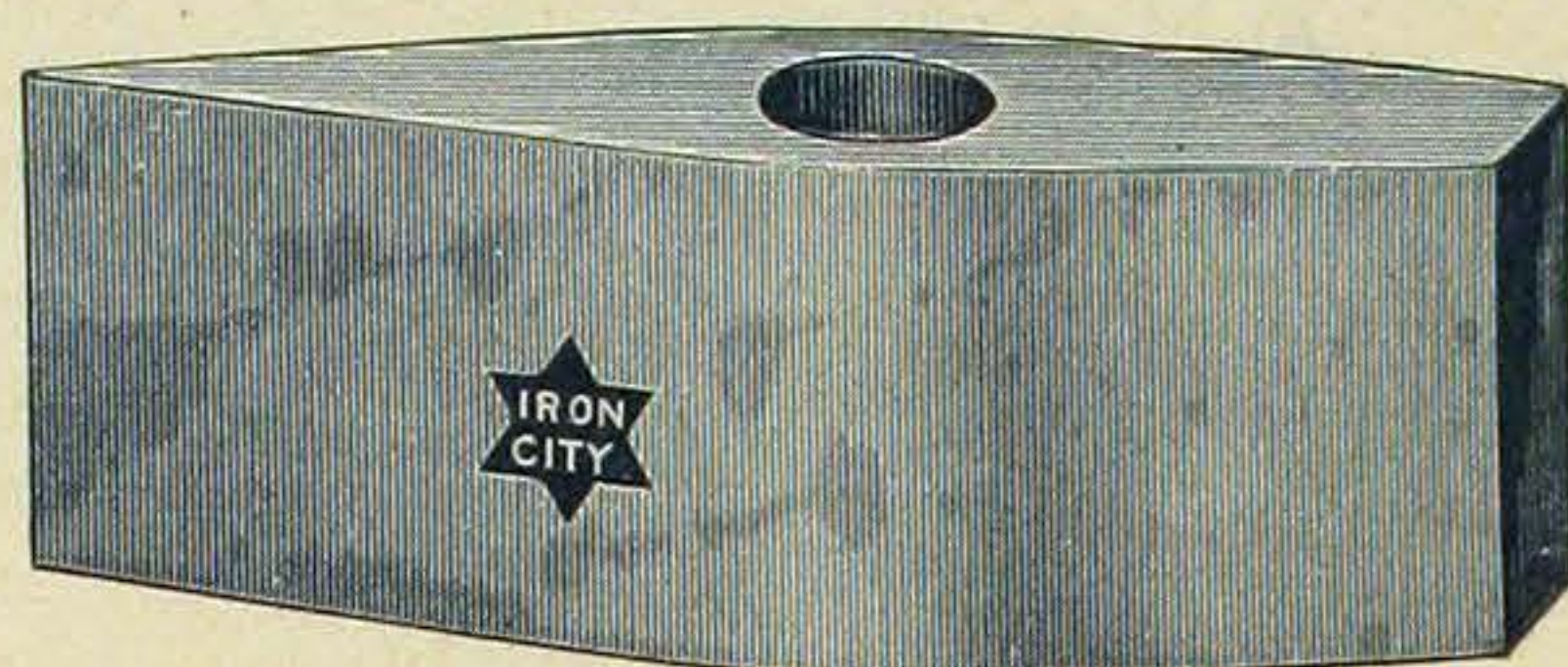
FACE AND PENE.

No. 41.

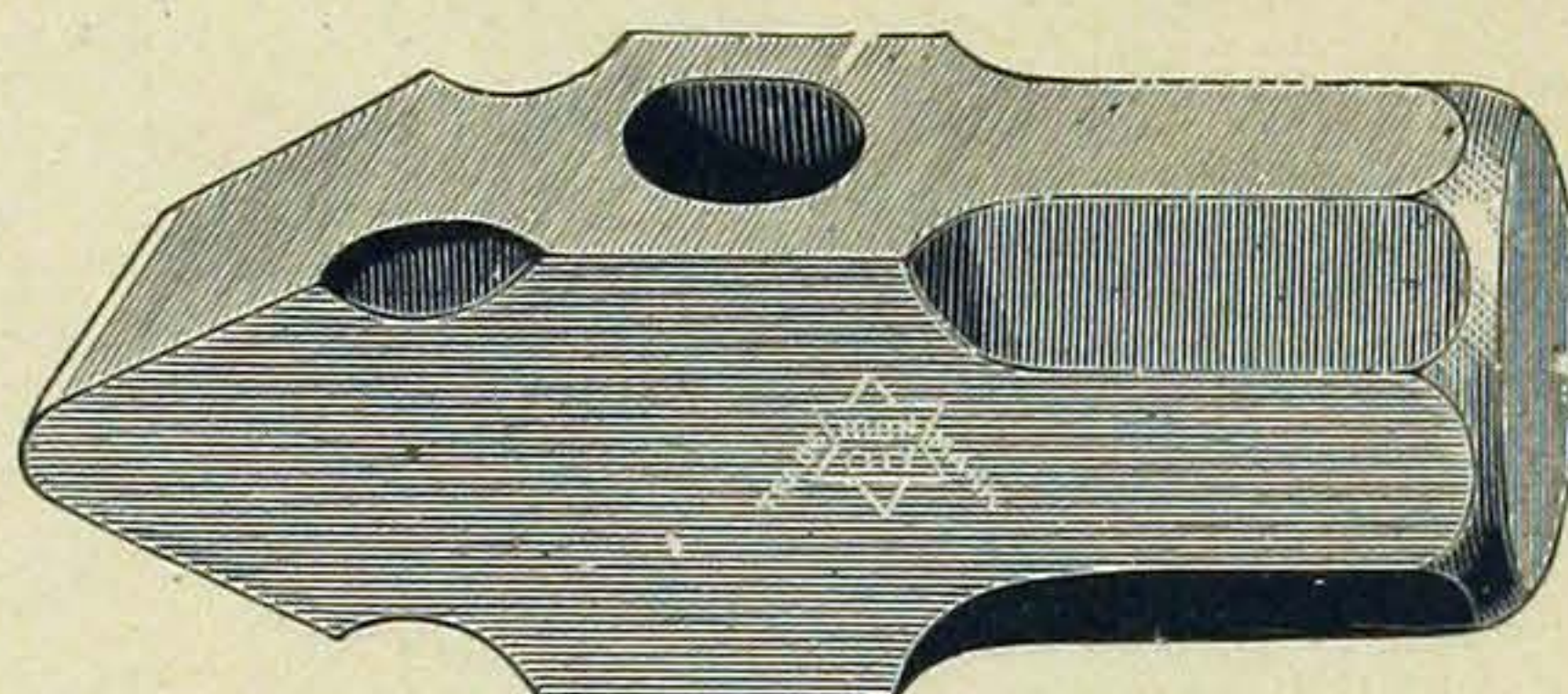


DOUBLE FACE.

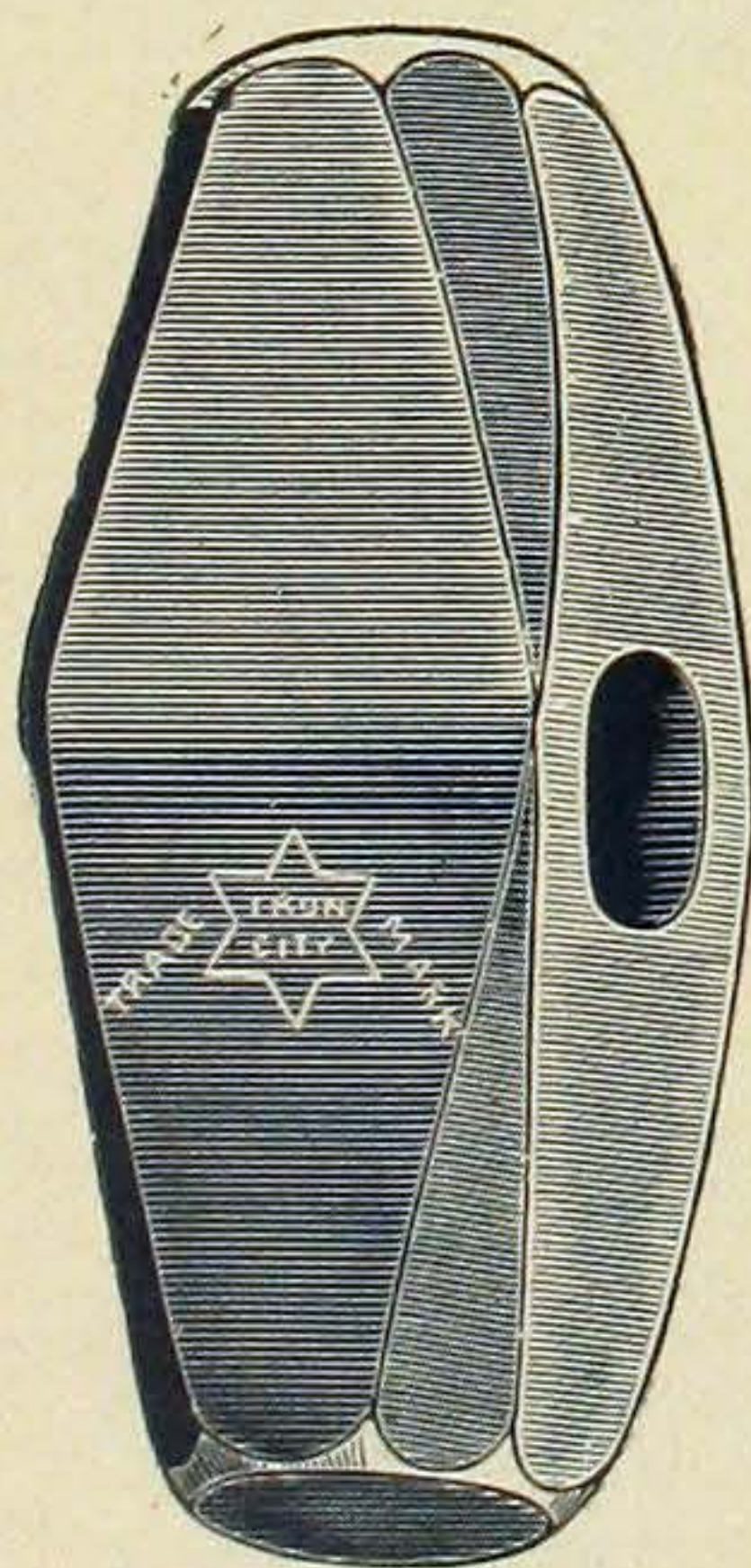
Solid cast steel, 5 lbs. and over,	per lb., 36 cents.
" " 3 to 5 lbs.,	" 40 "
" " under 3 lbs.,	" 45 "

MASON HAMMER.**No. 39.**

Solid cast steel, 5 lbs. and over,	per lb., 40 cents.
" 3 to 5 lbs.,	" 45 "
" under 3 lbs.,	" 50 "

BLACKSMITH'S HAND HAMMER.**No. 42.**

Solid cast steel, 5 lbs., and over,	per lb., 30 cents
" 3 to 5 lbs.,	" 36 "
" under 3 lbs.,	" 45 "

Hand Drilling, or**STONE CUTTERS' HAND HAMMER.****No. 43.**

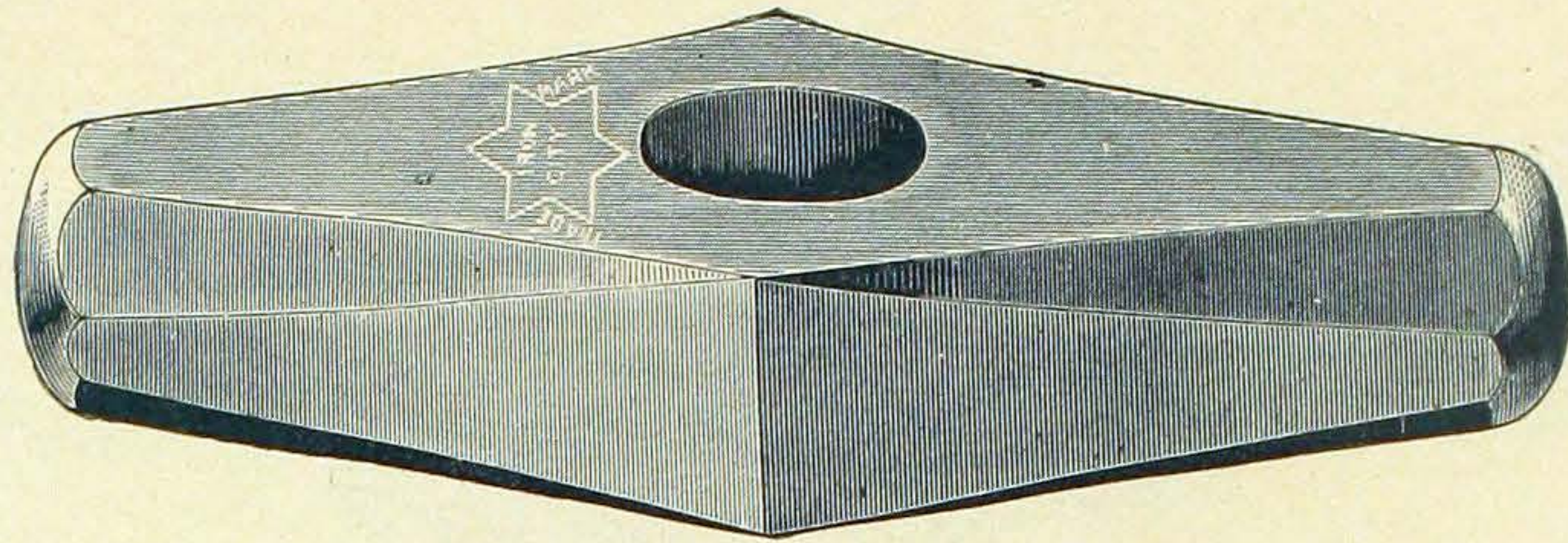
Solid cast steel, 5 lbs. and over,	per lb., 36 cents.
" 3 to 5 lbs.,	" 40 "
" under 3 lbs.,	" 45 "

STRIKING HAMMER.**No. 44.**

Solid cast steel, 5 lbs. and over,	per lb., 30 cents.
" 3 to 5 lbs.,	" 36 "
" under 3 lbs.,	" 45 "

NAPPING HAMMER.

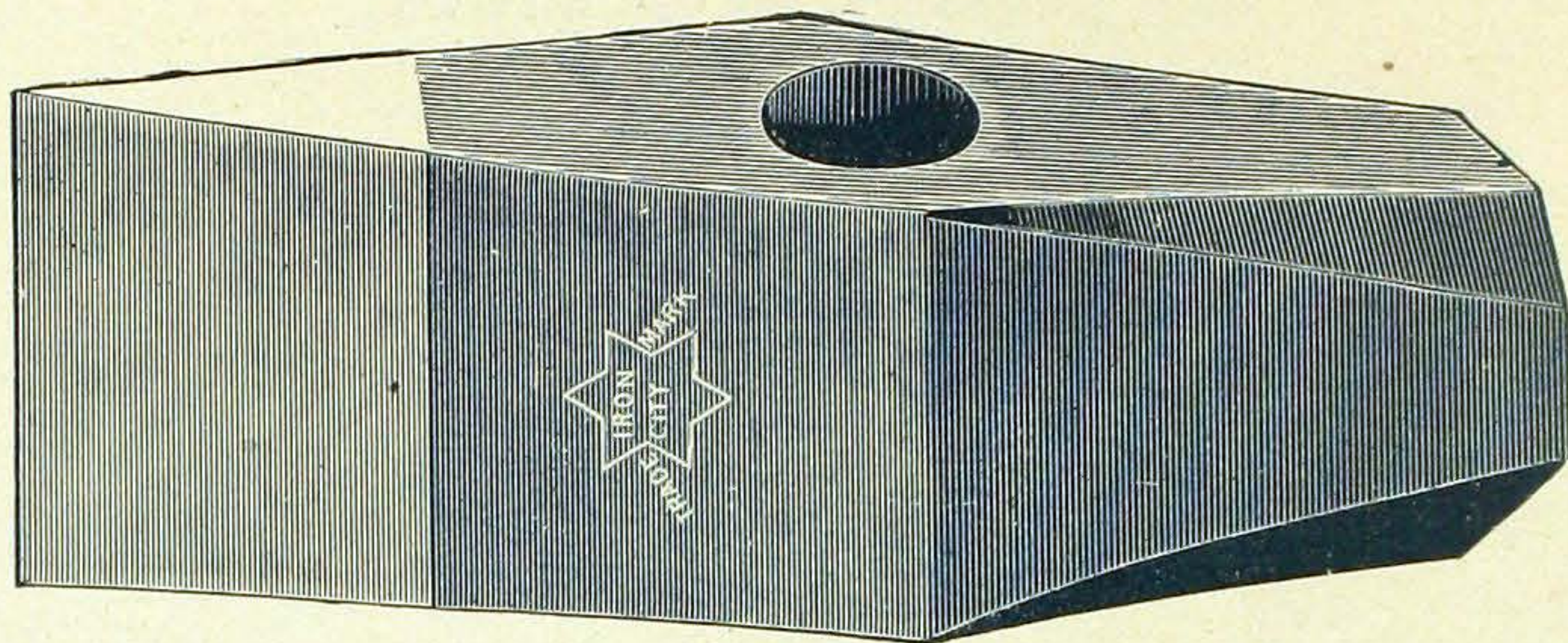
No. 45.



Solid cast steel, 5 lbs. and over,	per lb., 30 cents.
" " 3 to 5 lbs.,	" 36 "
" " Under 3 lbs.,	" 45 "

WOOD CHOPPER'S MAUL.

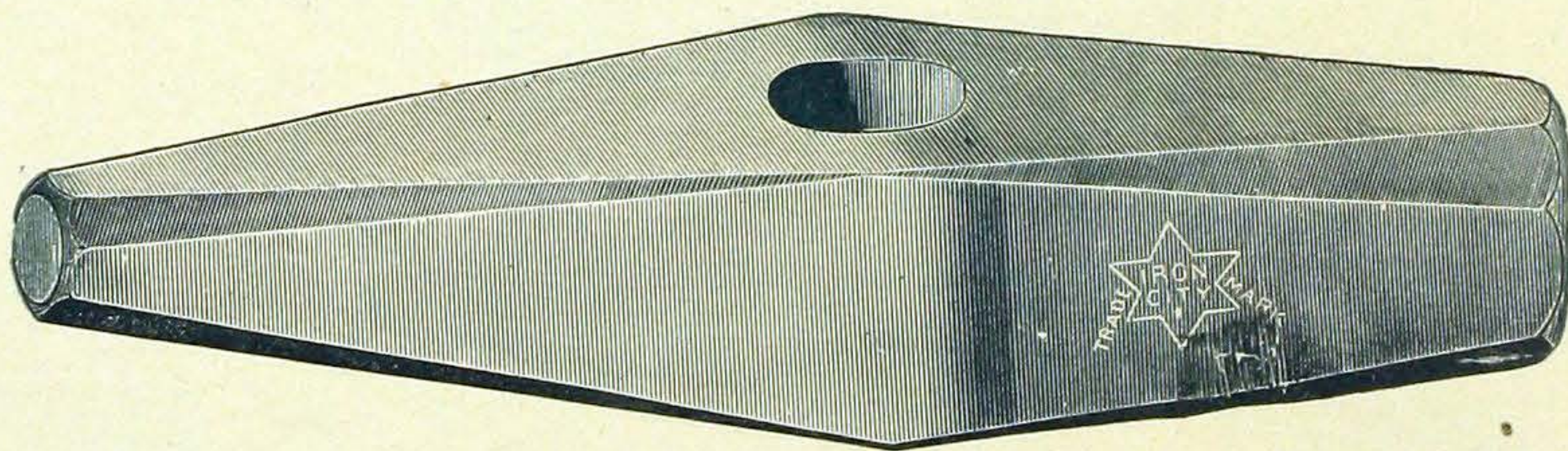
No. 46.



Solid cast steel, 6 to 20 lbs.,	per lb., 36 cents.
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RAILROAD SPIKE MAUL.

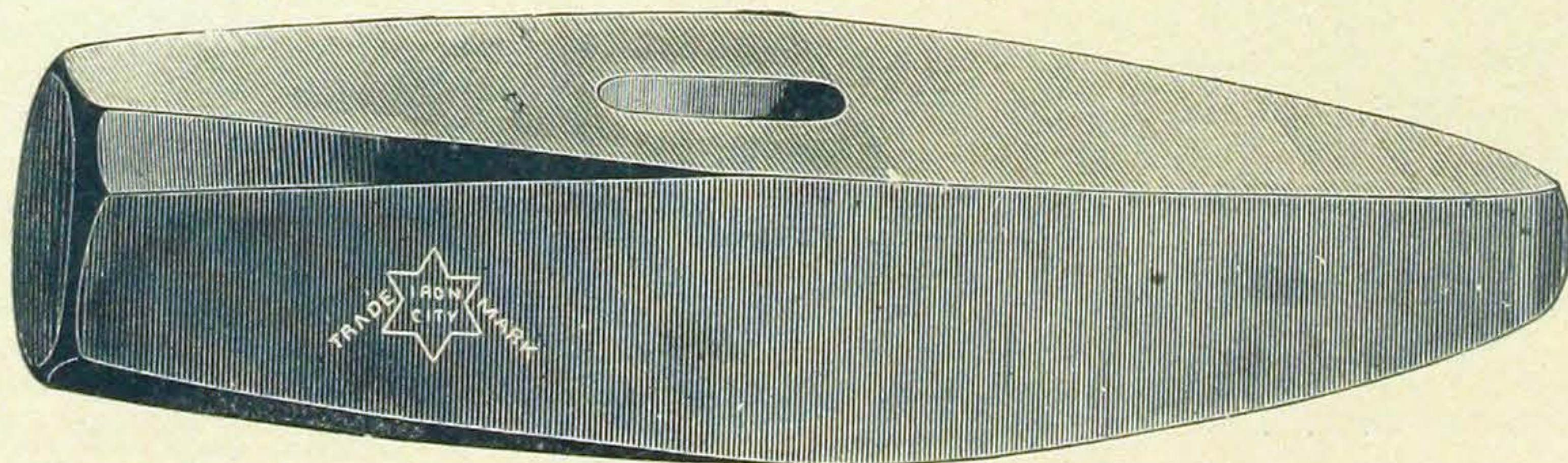
No. 47.



Solid cast steel, 5 lbs. and over,	per lb., 30 cents.
" " 3 to 5 lbs.,	" 36 "
" " under 3 lbs.,	" 45 "

RAILROAD TRACK CHISEL.

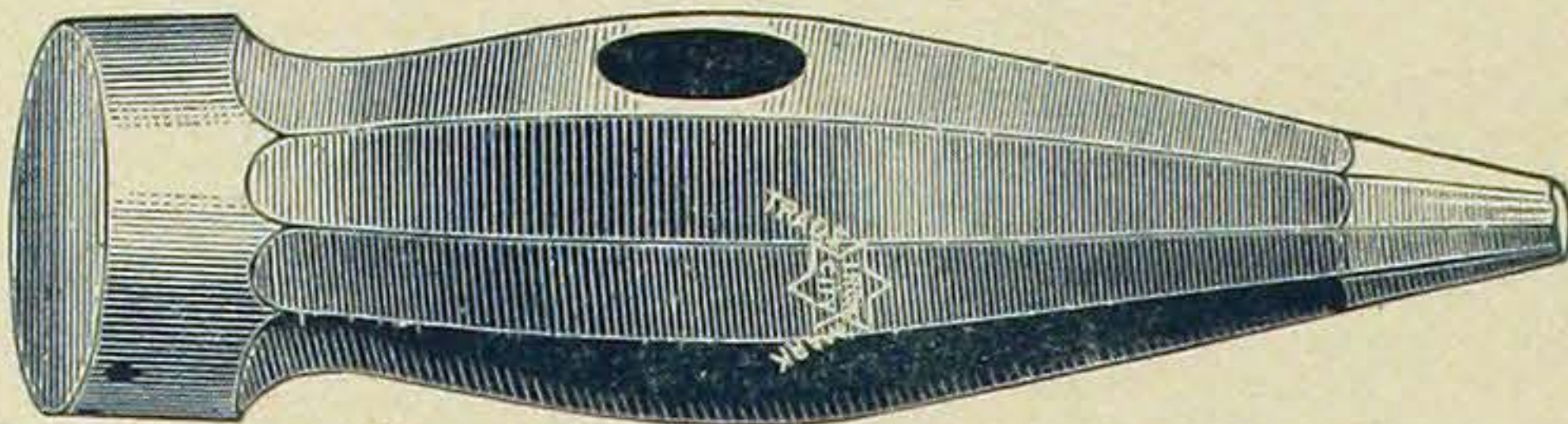
No. 48.



Best cast steel,	per lb., cents.
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SHIP OR TOP MAUL.

No. 49.



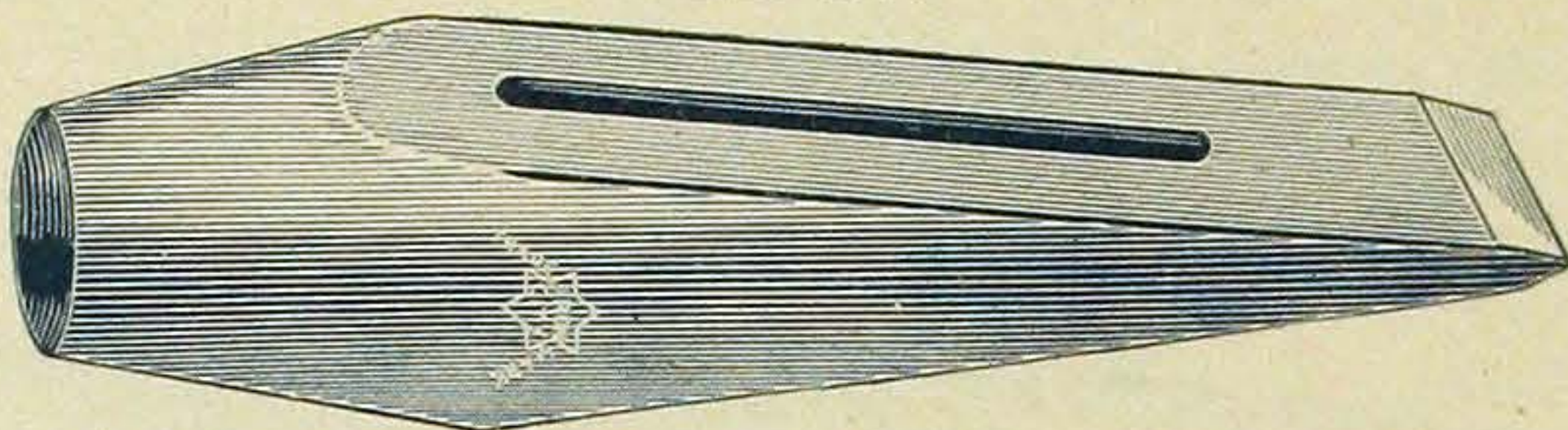
Solid cast steel, 4 to 8 lbs.,

per lb., 42 cents.

WOOD CHOPPERS' WEDGE,

(Truckee or Lake Superior Pattern.)

No. 50.



Solid cast steel Truckee, 1st quality,

per lb., 25 cents.

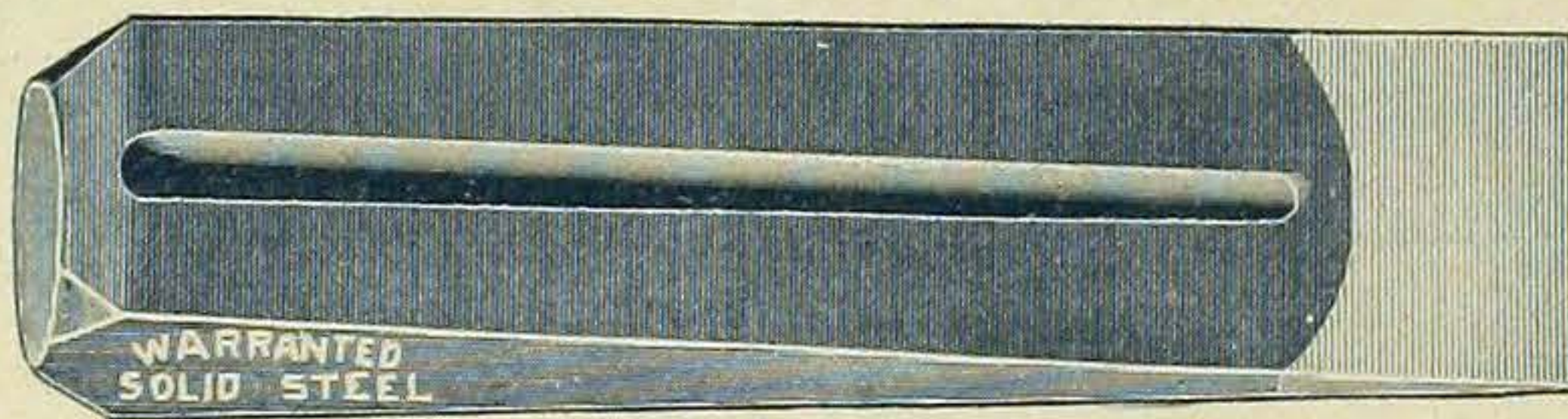
" " " " 2d "

" 20 "

Falling,

" 25 "

No. 68.

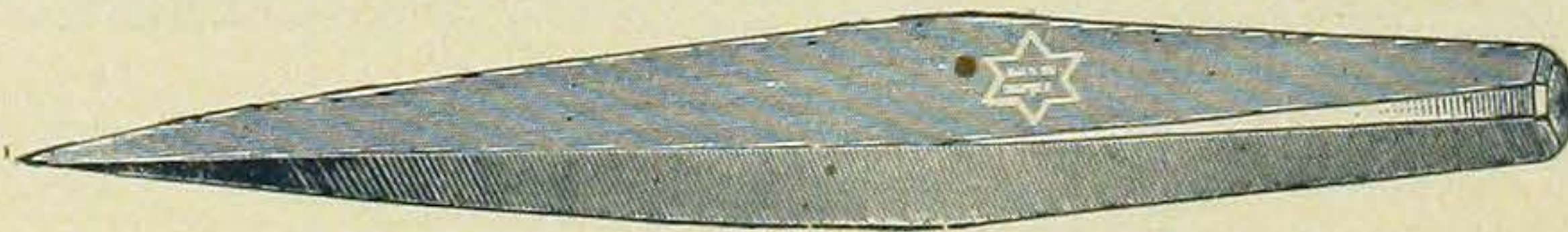


Steel Wood Wedges, square head, oil or natural finish,

per lb., 20 cents.

COAL WEDGE.

No. 51

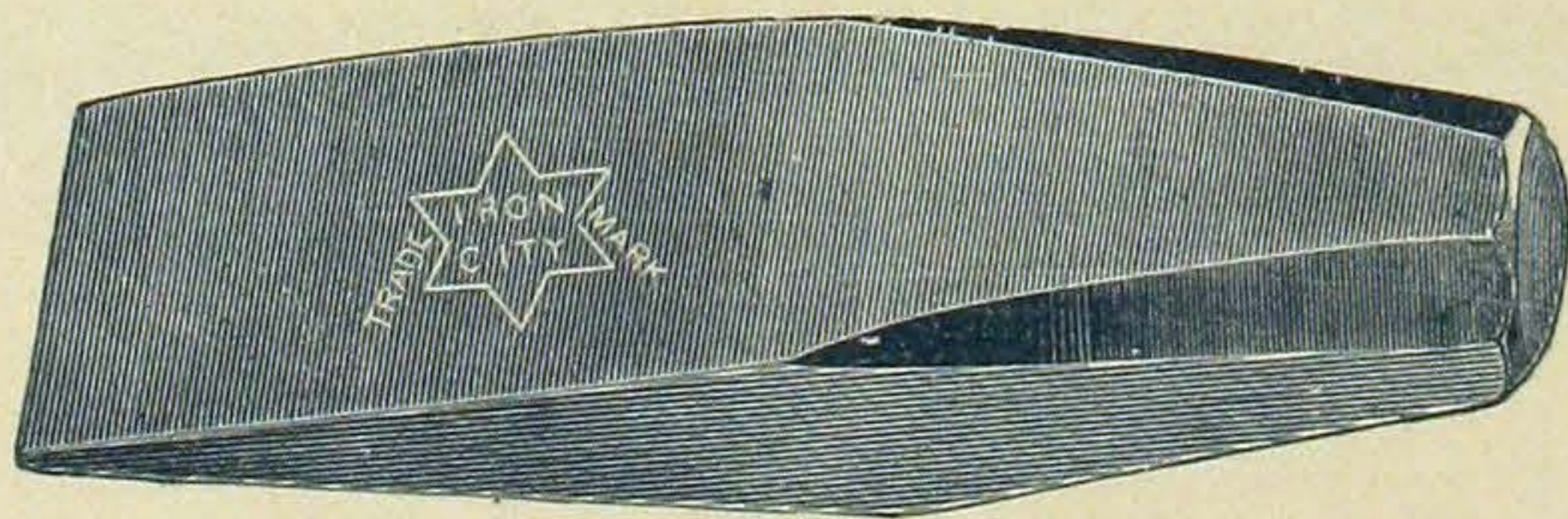


Solid cast steel,

per lb., 20 cents.

STONE WEDGE.

No. 52.

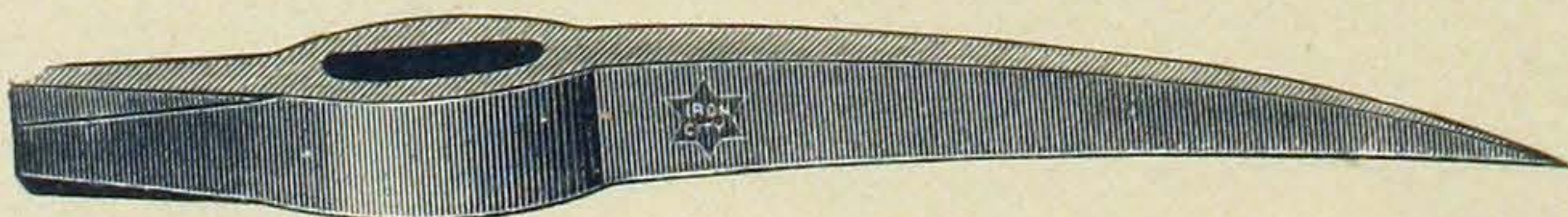


Solid cast steel,

per lb., 20 cents.

LAKE SUPERIOR MINING PICK.

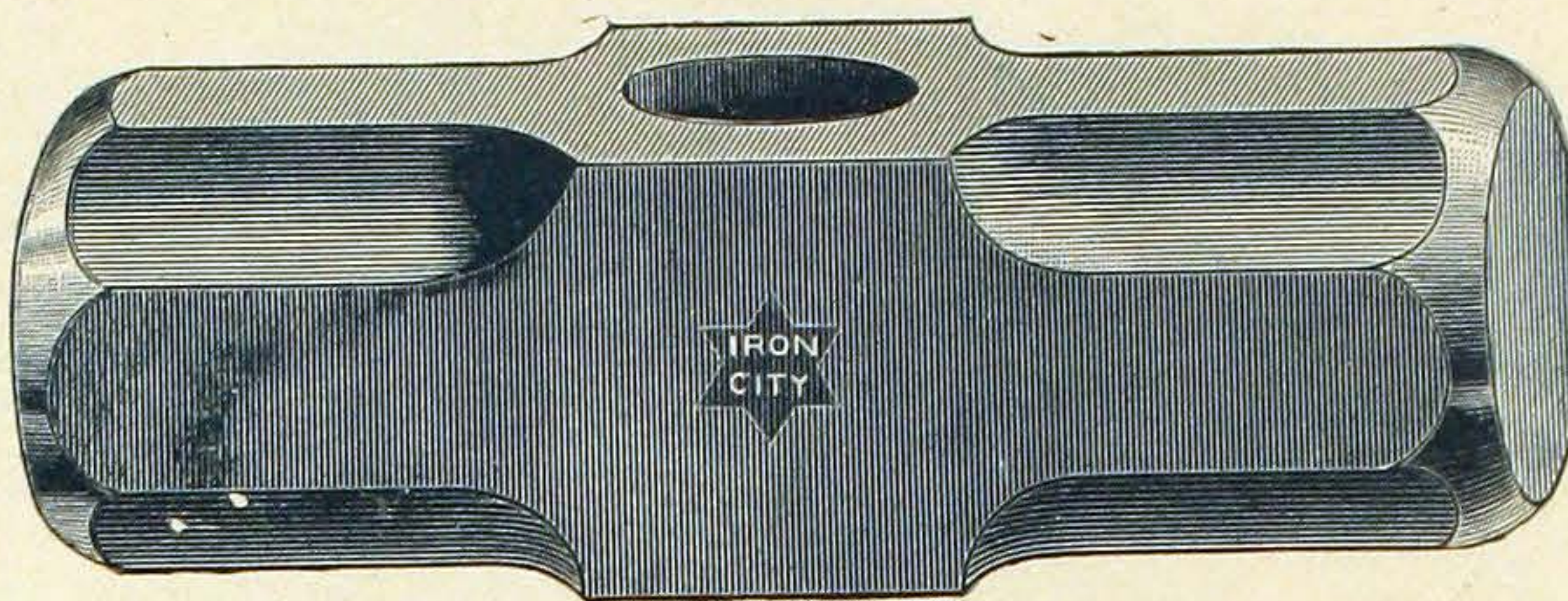
No. 56.



Price,

per lb., cents.

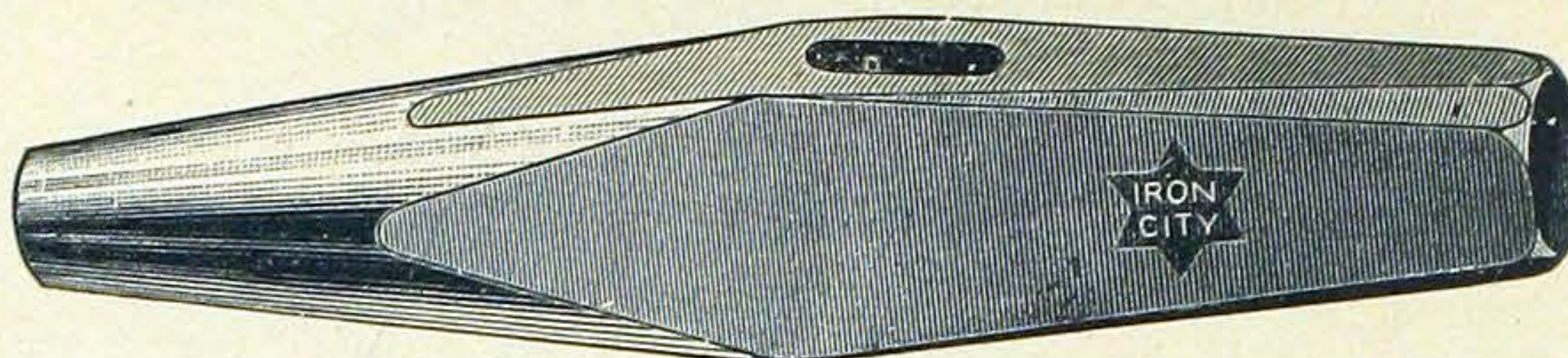
RAILROAD SLEDGE, Double Face.
No. 57.



Solid cast steel,

per lb., cents.

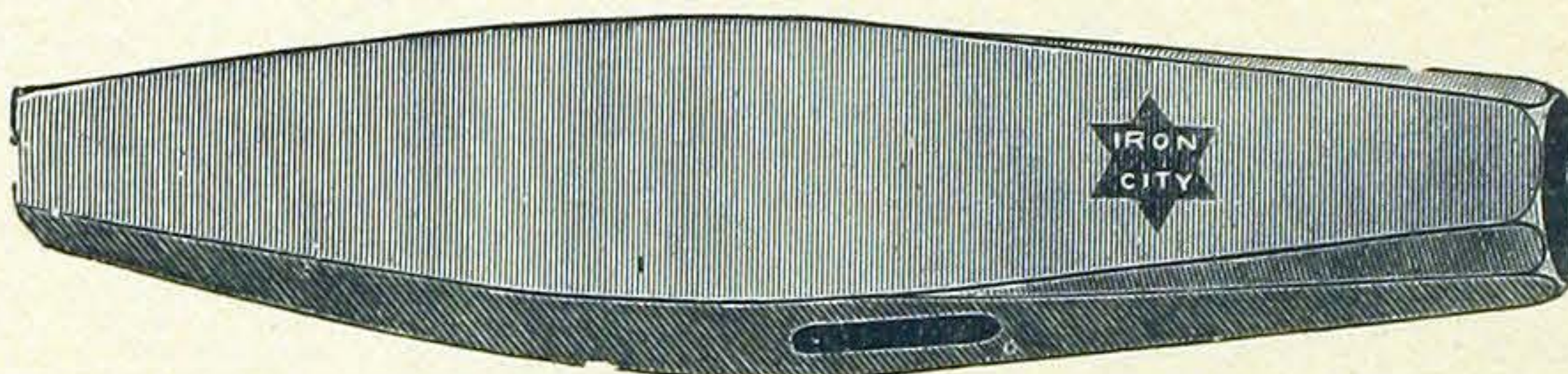
RAILROAD TRACK PUNCH, Round Point.
No. 58.



Solid cast steel,

per lb., cents.

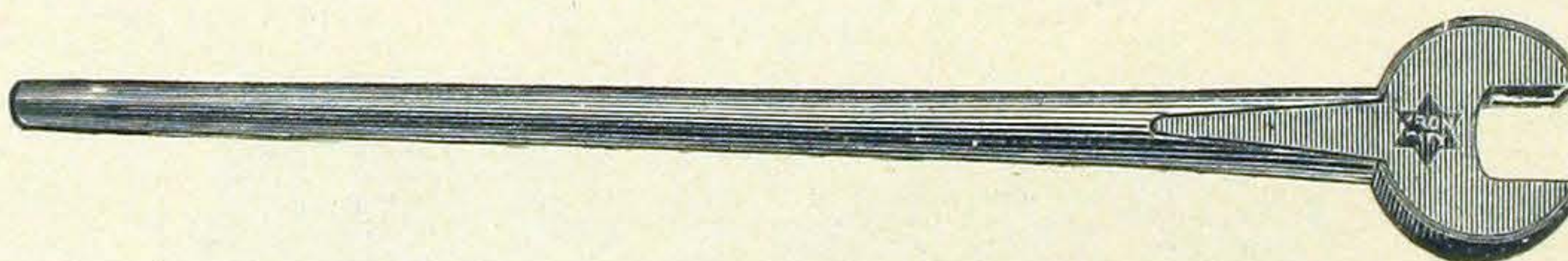
RAILROAD TRACK PUNCH, Square Point.
No. 59.



Solid cast steel,

per lb., cents.

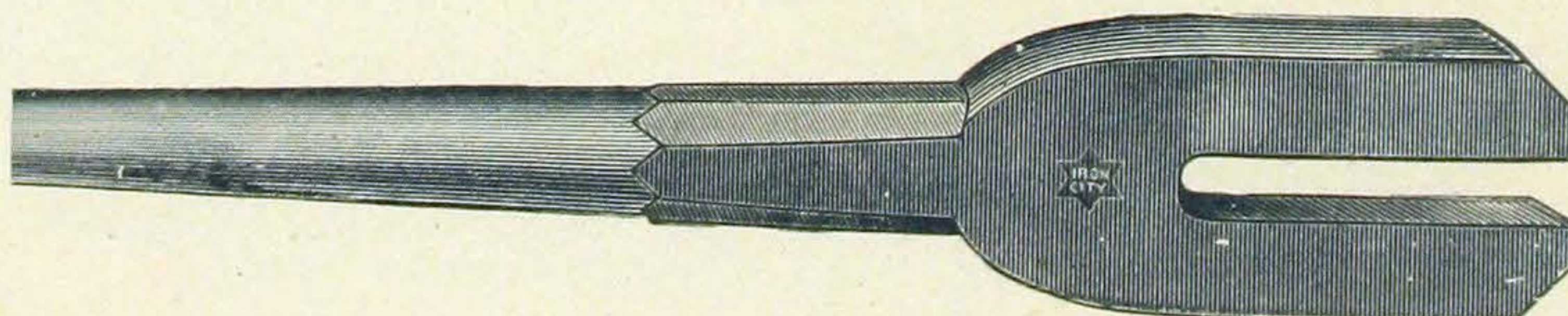
RAILROAD TRACK WRENCH.
No. 60.



Price

per lb., cents.

RAILROAD RAIL FORK.
No. 61.

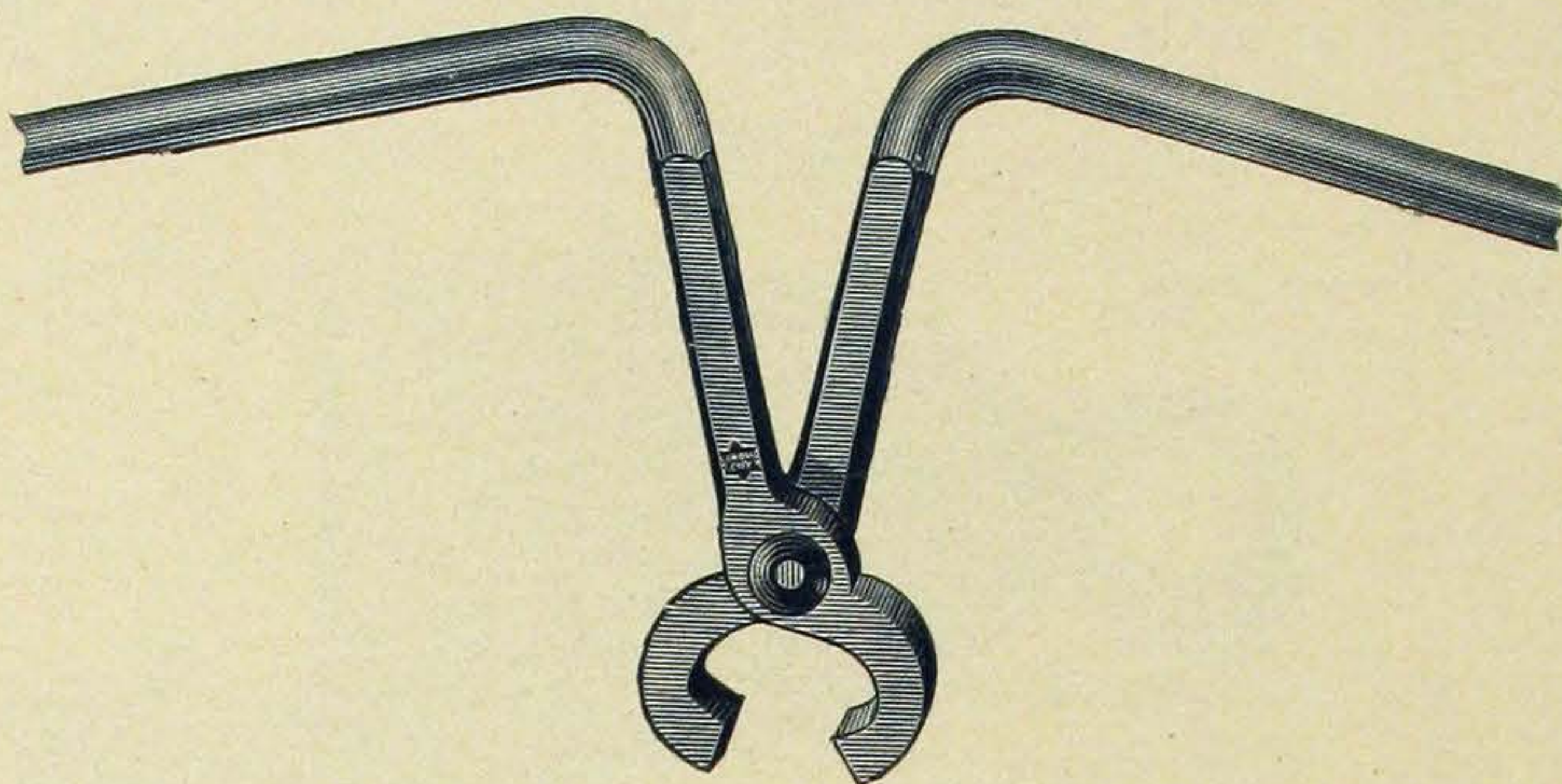


Price

per lb., cents.

RAILROAD RAIL TONGS.

No. 62.



Price, per lb., cents

CROW BARS.

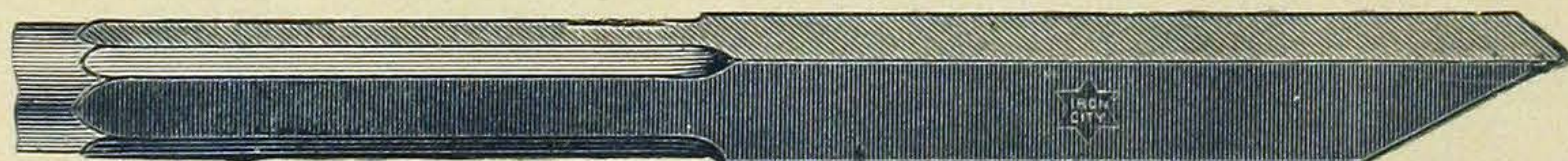
Wedge Point.

No. 63.



Pinch Point.

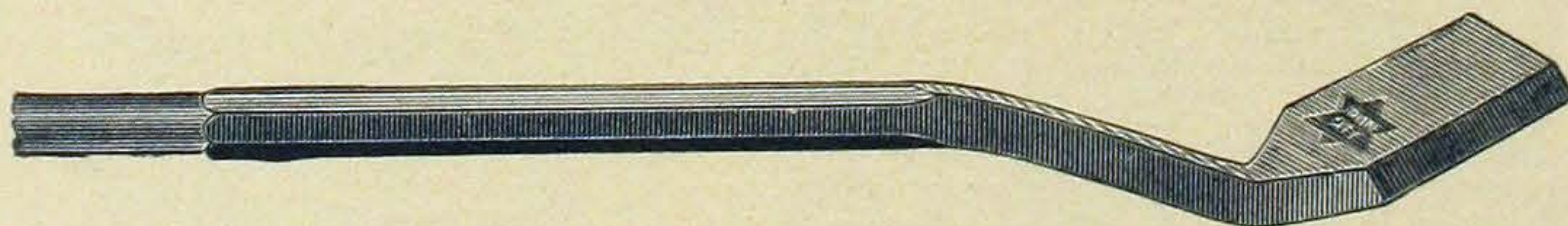
No. 64.



Price, per lb., cents

RAILROAD TAMPING BAR.

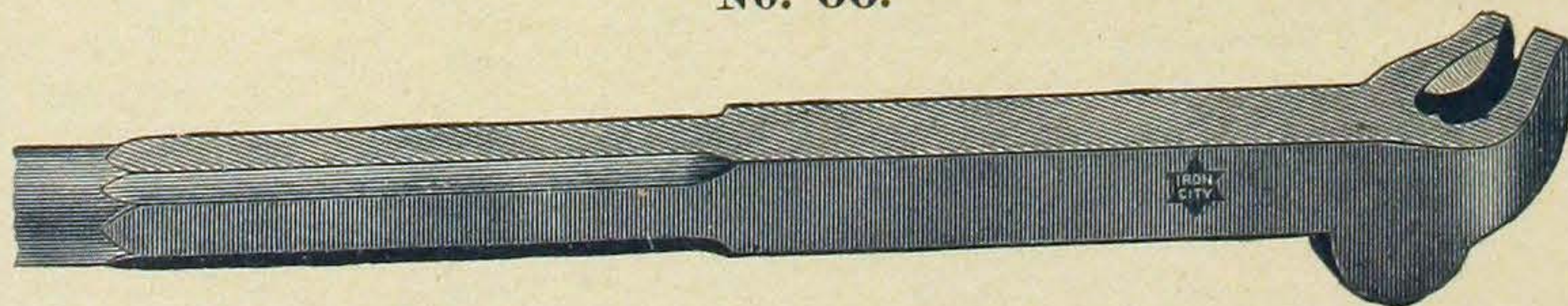
No. 65.



Price, per lb., cents.

RAILROAD CLAW BAR.

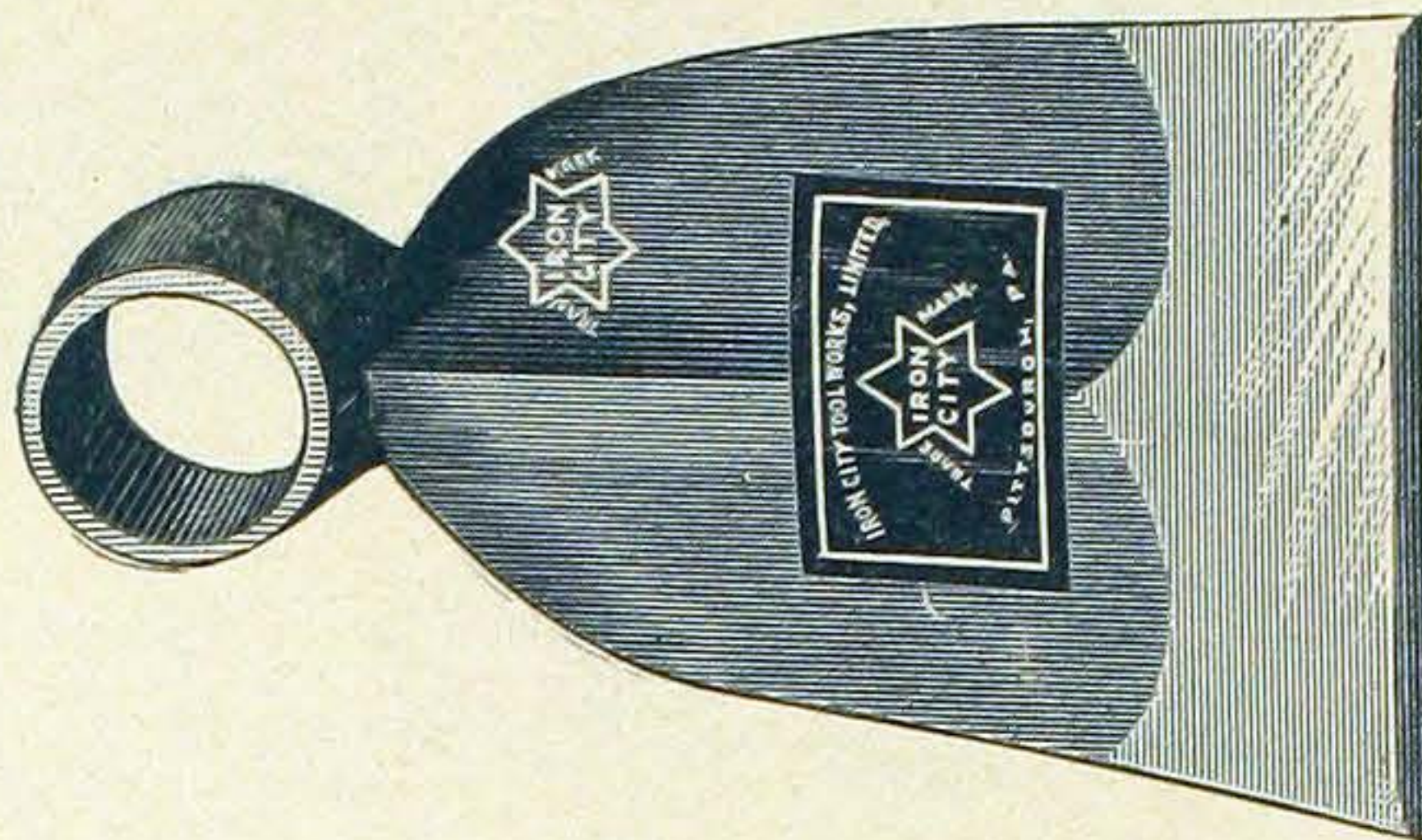
No. 66.



Price, per lb., cents.

HAZEL HOES.

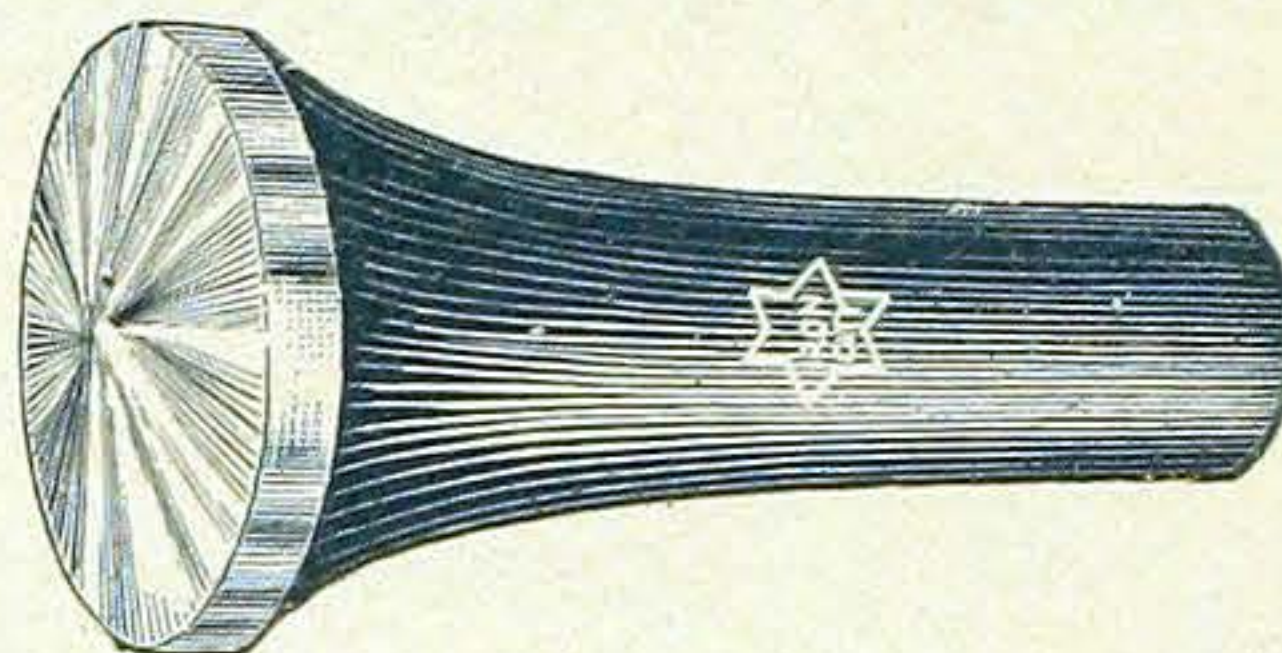
No. 69.



Hazel Hoes, per dozen, \$12.00

PLOW ANVIL.

No. 70.



Solid steel, per lb., ____ cents.

SPECIAL PRICES ON APPLICATION.

PICK AND MATTOCK BLANKS.

Nos. 23 and 24.....	DRIFTING PICKS.....		No. 1	No. 2	No. 3	No. 4	No. 5
	Per dozen..		\$7 50	\$8 50	\$9 00	\$9 50	\$10 00
Nos. 25 and 26.....	SURFACE PICKS.....	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7
	Per dozen..	\$9.00	\$9 50	\$10 00	\$10 50	\$11 00	\$11 50
Nos. 27 and 28.....	RAILROAD PICKS,....		4½ lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.
	Per dozen..		\$9 00	\$9 50	\$10 50	\$11 50	\$12 50
No. 29	TAMPING PICKS				6 lbs.	7 lbs.	8 lbs.
	Per dozen..				\$11 00	\$12 00	\$13 00
No. 30	MATTOCKS.....				5½ lbs.	6 lbs.	7 lbs.
	Per dozen..				\$10 00	\$10 50	\$11 50

PACKAGES CHARGED AT COST.

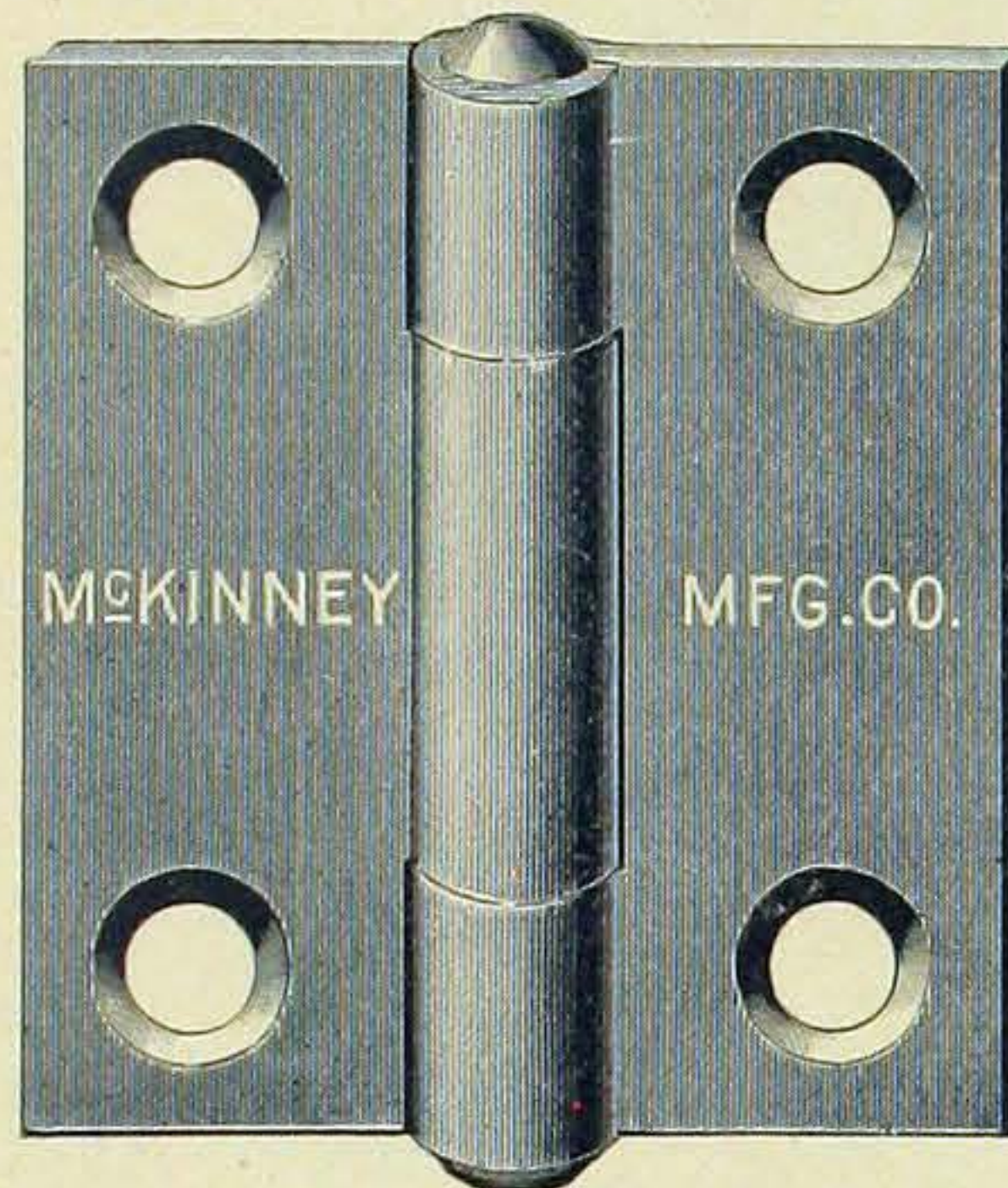
AGENTS FOR THE McKINNEY MANUFACTURING CO.,

Manufacturers of

POLISHED STEEL BUTTS, STRAP AND T HINGES, ETC.

No. 700.

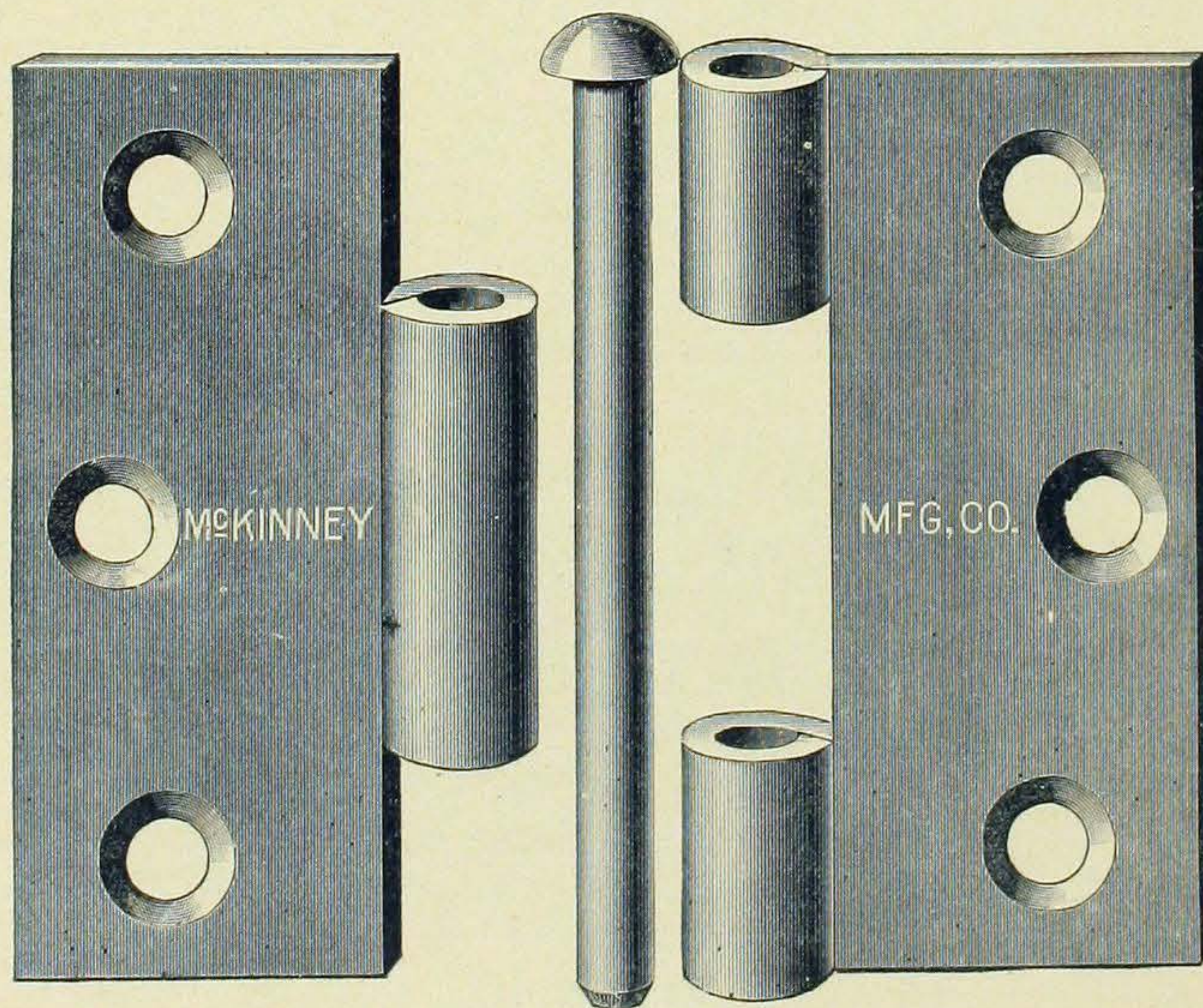
Polished Steel Narrow Butts.



Sizes.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
1	\$0.32	No. 5	4	100
1 1/4	.36	" 6	4	100
1 1/2	.43	" 6	4	100
1 3/4	.50	" 7	4	100
2	.60	" 7	4	100
2 1/4	.66	" 8	6	100
2 1/2	.72	" 8	6	100
2 3/4	.84	" 9	6	50
3	.90	" 9	6	50
3 1/4	1.08	" 10	6	50
3 1/2	\$1.44	" 10	6	50
3 3/4	1.68	" 11	8	40
4	1.92	" 11	8	40
4 1/2	2.70	" 12	8	20
5	3.30	" 13	8	20
5 1/2	4.30	" 13	8	20
6	5.50	" 13	8	20

No. 703.

Polished Steel Reversible Loose Pin Butts.



Sizes open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.	Sizes open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$1.10	No. 8	4	50	3 1/2 x 4	\$3.00	No. 11	6	25
2 x 2 1/2	1.20	" 8	4	50	4 x 3 1/2	3.00	" 11	8	25
2 x 3	1.30	" 8	4	50	4 x 4	3.30	" 11	8	25
2 1/2 x 2	1.20	" 9	6	50	4 x 4 1/2	3.70	" 11	8	20
2 1/2 x 2 1/2	1.32	" 9	6	50	4 1/2 x 4	3.70	" 12	8	20
2 1/2 x 3	1.56	" 9	6	50	4 1/2 x 4 1/2	4.25	" 12	8	20
3 x 2 1/2	1.68	" 10	6	50	4 1/2 x 5	5.40	" 12	8	15
3 x 3	1.86	" 10	6	50	5 x 5	5.50	" 13	8	10
3 x 3 1/2	2.10	" 10	6	25	5 1/2 x 5 1/2	6.50	" 13	8	10
3 1/2 x 3	2.40	" 11	6	25	6 x 6	7.00	" 13	8	10
3 1/2 x 3 1/2	2.70	" 11	6	25					

No. 705.

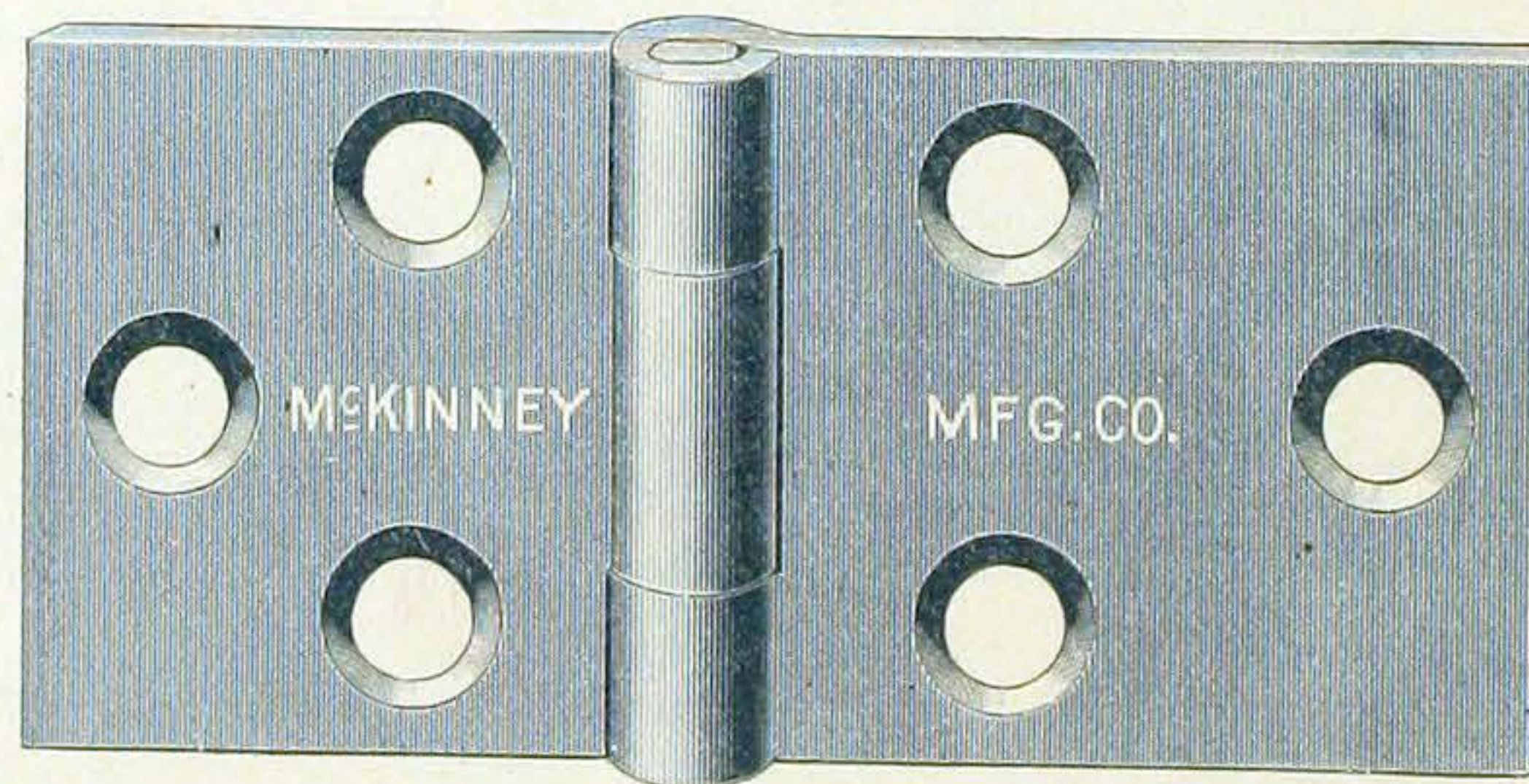
Polished Steel Broad Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full case.	Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full case.
2 x 2	\$0.78	No. 8	4	50	3 1/2 x 3	\$1.90	No. 11	6	25
2 x 2 1/2	.93	" 8	4	50	3 1/2 x 3 1/2	2.16	" 11	6	25
2 1/2 x 2 1/2	1.08	" 9	6	50	3 1/2 x 4	2.75	" 11	6	25
2 1/2 x 3	1.20	" 9	6	50	4 x 4	3.12	" 11	8	25
3 x 2 1/2	1.35	" 10	6	50	4 1/2 x 4 1/2	4.20	" 12	8	20
3 x 3	1.44	" 10	6	50	5 x 5	5.40	" 13	8	10
3 x 3 1/2	1.80	" 10	6	25					

No. 707.

Polished Steel Table Hinges.

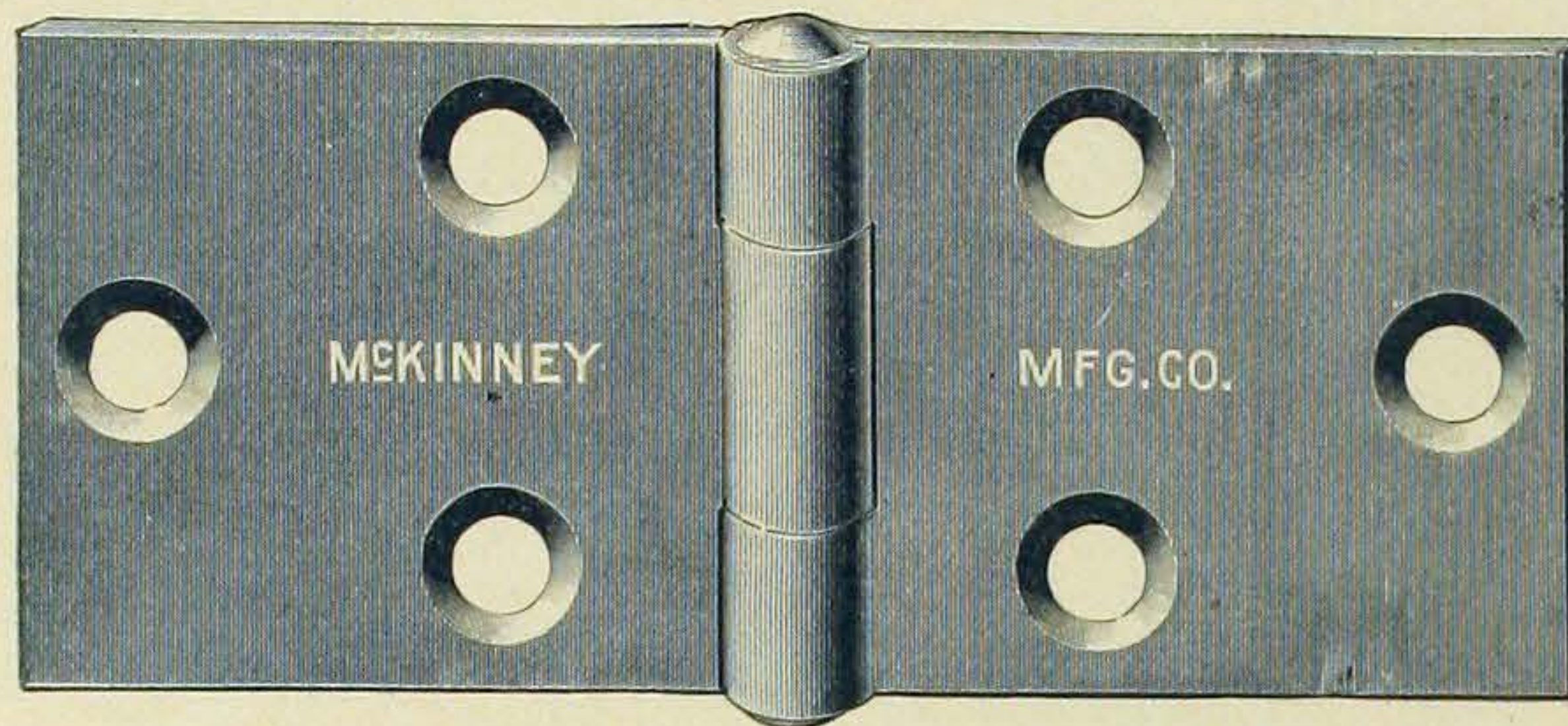


RIVETED.

Sizes.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
7/8	\$0.43	No. 6	6	100
1	.45	" 6	6	100
1 1/8	.50	" 7	6	100
1 1/4	.55	" 7	6	50
1 3/8	.60	" 7	6	50
1 1/2	.65	" 8	6	50
1 5/8	.70	" 8	6	50
1 3/4	.75	" 9	6	50
2	.85	" 9	6	50

No. 709.

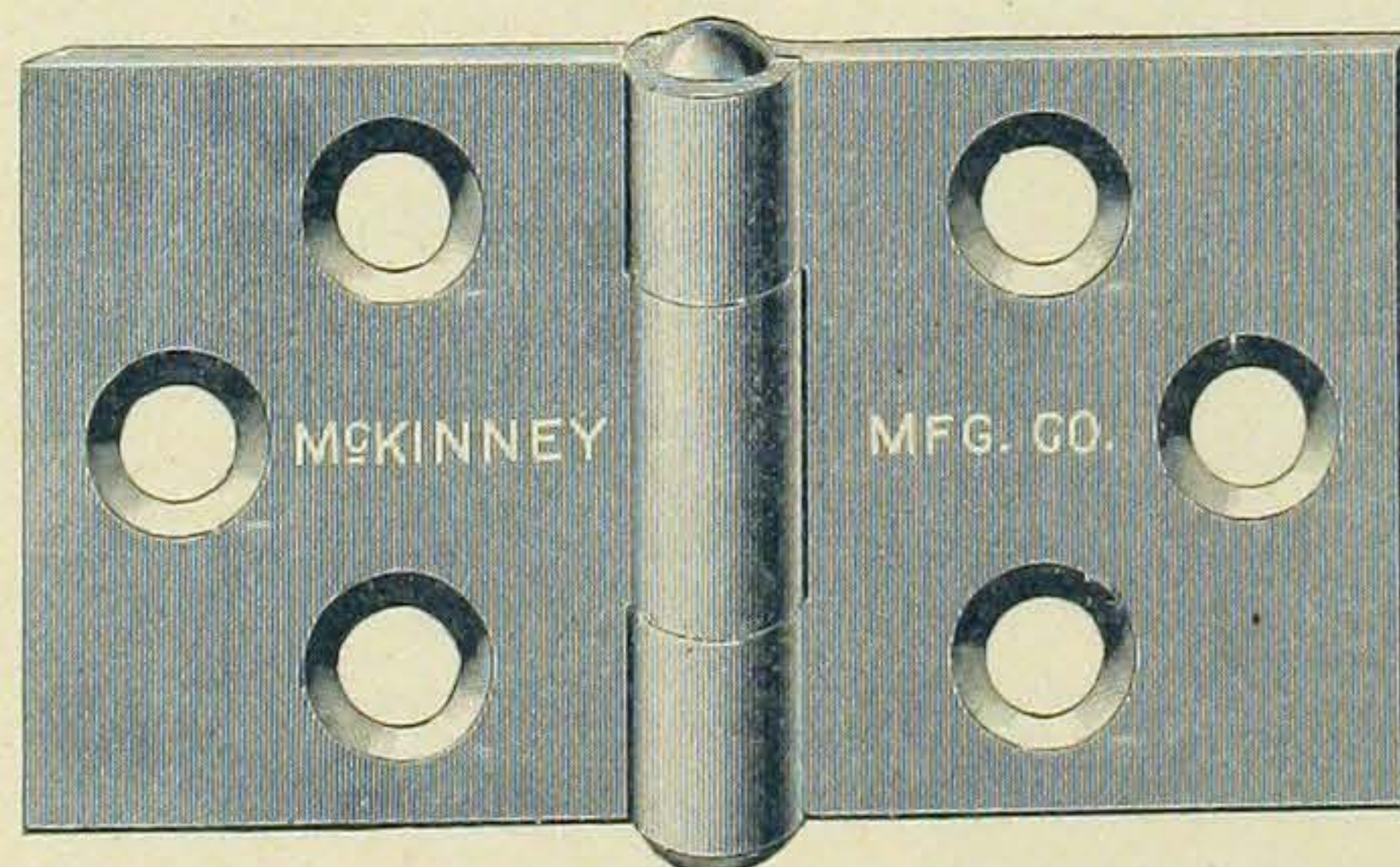
Polished Steel Back Flaps.



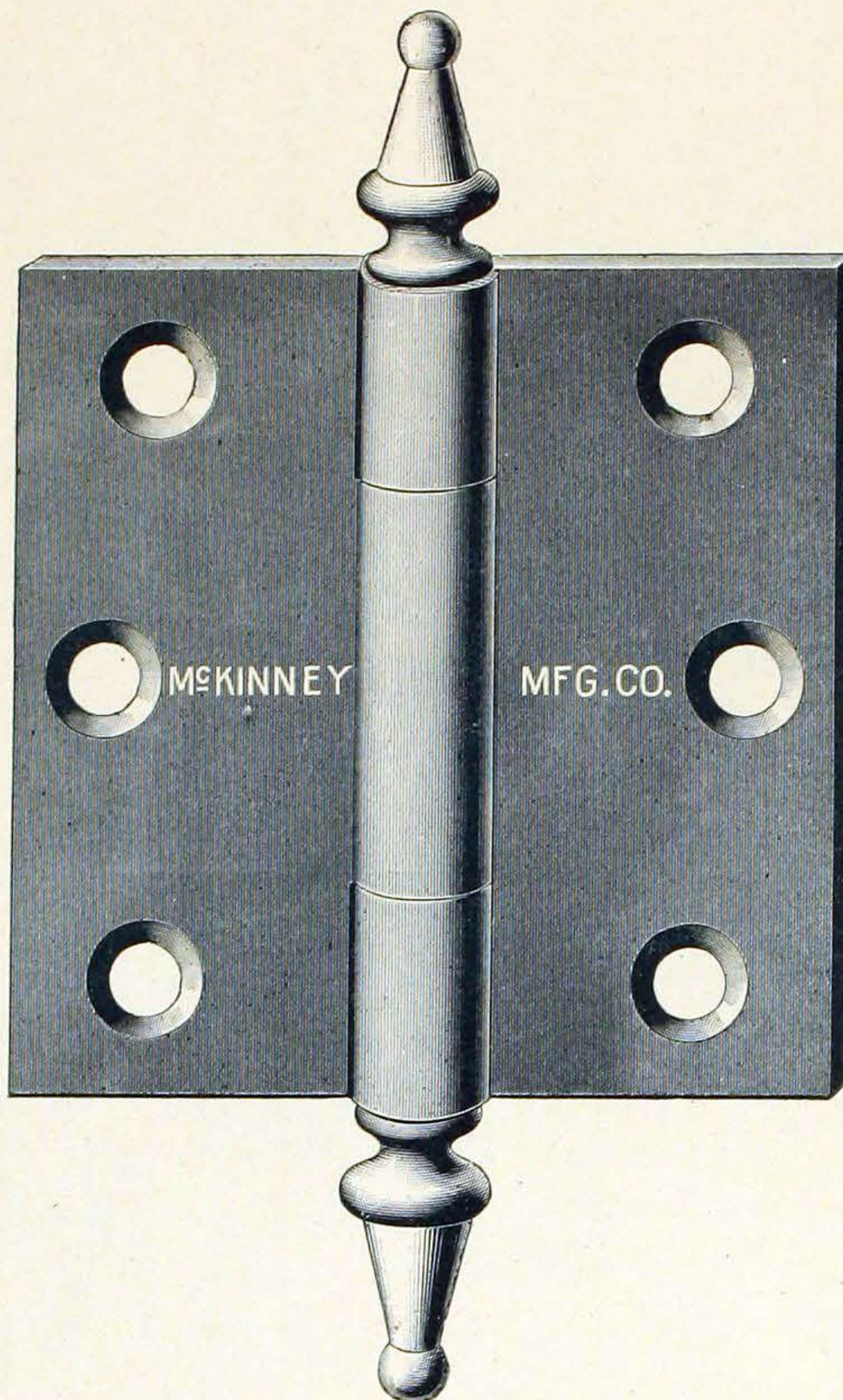
Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
$\frac{7}{8}$	\$0.47	No. 6	6	100
1	.50	" 6	6	100
$1\frac{1}{8}$	.55	" 6	6	100
$1\frac{1}{4}$	.60	" 7	6	50
$1\frac{3}{8}$	.65	" 7	6	50
$1\frac{1}{2}$	.70	" 8	6	50
$1\frac{5}{8}$	.75	" 8	6	50
$1\frac{3}{4}$	.80	" 8	6	50
2	.90	" 8	6	50

No. 711.

Polished Steel Square Back Flaps.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.45	No. 6	6	100
$1\frac{1}{8}$	.50	" 6	6	100
$1\frac{1}{4}$	.55	" 6	6	50
$1\frac{3}{8}$	.60	" 7	6	50
$1\frac{1}{2}$	.65	" 7	6	50
$1\frac{5}{8}$	.70	" 8	6	50
$1\frac{3}{4}$	.75	" 8	6	50
2	.85	" 8	6	50



No. 713.

Polished Steel Steeple Tip,
Loose Pin Butts.

Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.10	No. 8	4	50
2 x 2½	2.40	" 8	4	50
2½ x 2	2.40	" 9	6	50
2½ x 2½	2.55	" 9	6	50
3 x 2½	2.80	" 10	6	25
3 x 3	3.00	" 10	6	25
3 x 3½	3.15	" 10	6	25
3½ x 3	3.25	" 11	6	25
3½ x 3½	3.40	" 11	6	25
3½ x 4	3.75	" 11	6	25
4 x 3½	4.00	" 11	8	20
4 x 4	4.25	" 11	8	20
4 x 4½	4.60	" 11	8	20
4½ x 4	4.85	" 12	8	10
4½ x 4½	5.00	" 12	8	10
4½ x 5	5.60	" 12	8	10
5 x 5	6.40	" 13	8	10
5½ x 5½	7.65	" 13	8	10
6 x 6	9.40	" 13	8	10



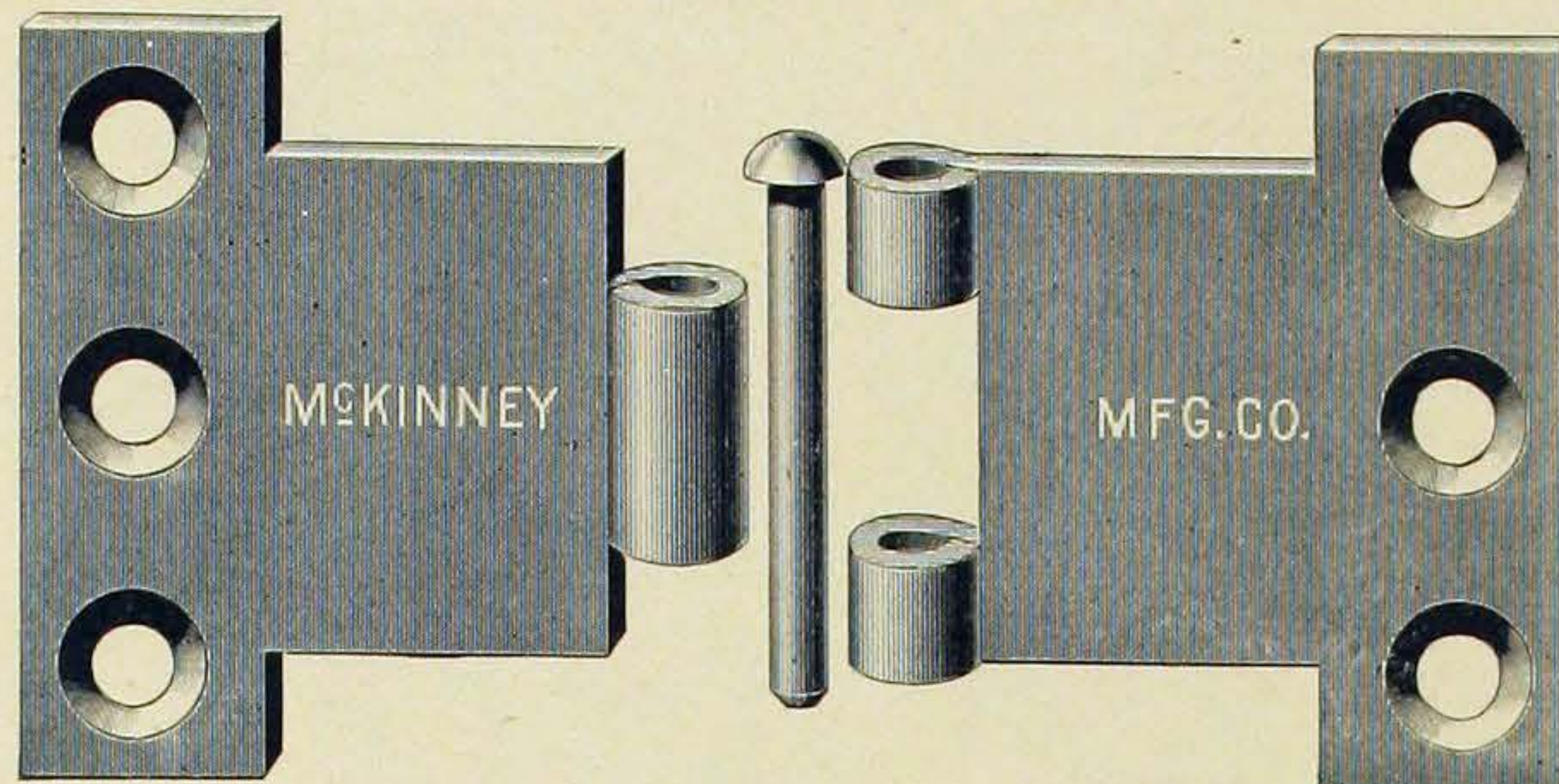
No. 714.

Polished Steel Ball Tip,
Loose Pin Butts.

Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.10	No. 8	4	50
2 x 2½	2.40	" 8	4	50
2½ x 2	2.40	" 9	6	50
2½ x 2½	2.55	" 9	6	50
3 x 2½	2.80	" 10	6	25
3 x 3	3.00	" 10	6	25
3 x 3½	3.15	" 10	6	25
3½ x 3	3.25	" 11	6	25
3½ x 3½	3.40	" 11	6	25
3½ x 4	3.75	" 11	6	25
4 x 3½	4.00	" 11	8	20
4 x 4	4.25	" 11	8	20
4 x 4½	4.60	" 11	8	20
4½ x 4	4.85	" 12	8	10
4½ x 4½	5.00	" 12	8	10
4½ x 5	5.60	" 12	8	10
5 x 5	6.40	" 13	8	10
5½ x 5½	7.65	" 13	8	10
6 x 6	9.40	" 13	8	10

No. 715.

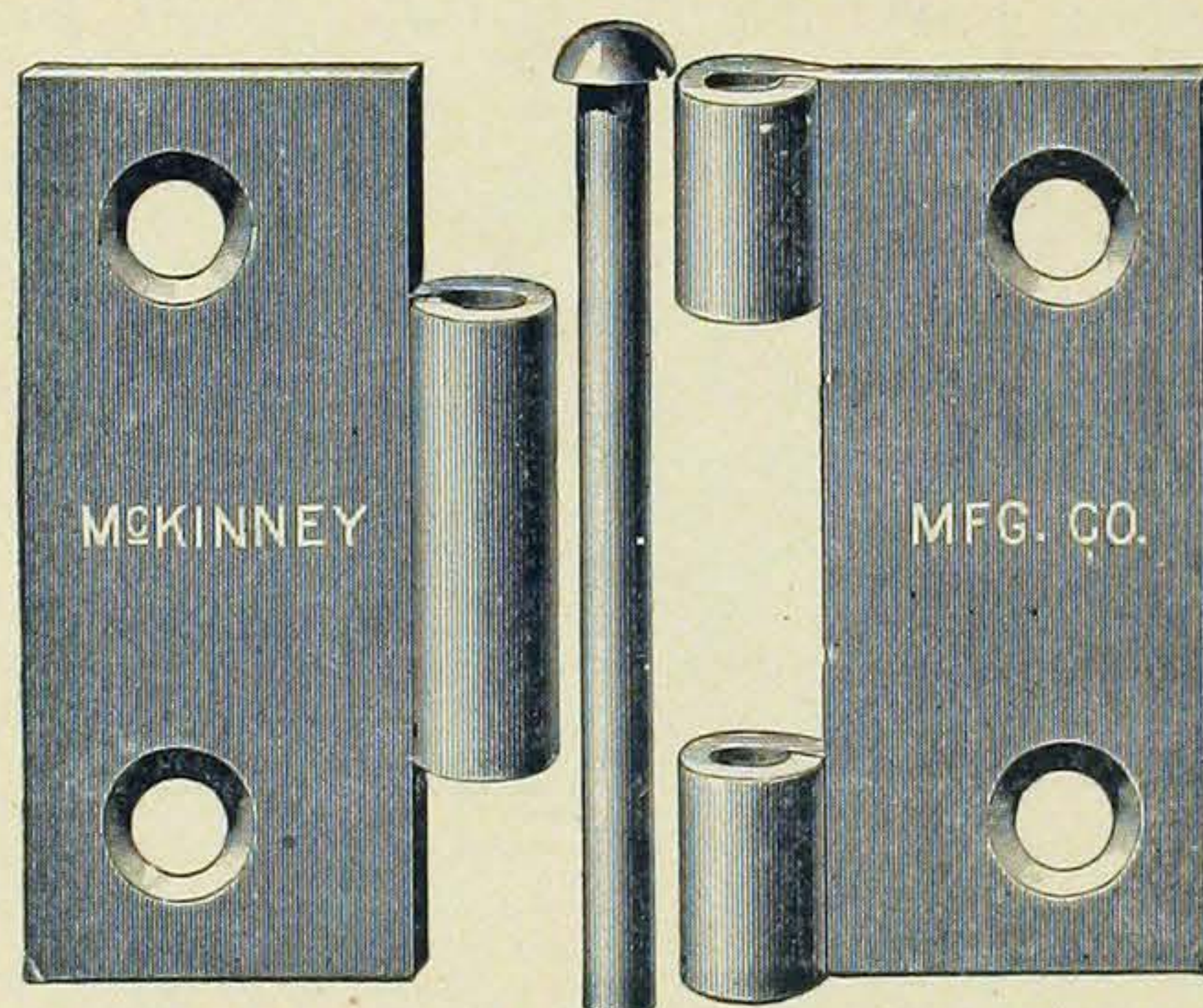
Polished Steel Light Parliament, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
2½	\$1.50	No. 6	6	50
3	1.60	" 6	6	50
3½	1.80	" 6	6	50
4	2.00	" 7	6	50

No. 717.

Polished Steel Light Reversible, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
2 x 2	\$1.10	No. 6	4	50
2 x 2½	1.20	" 7	4	50
2½ x 2	1.20	" 7	6	50
2½ x 2½	1.32	" 7	6	50
2½ x 3	1.56	" 7	6	50

No. 719.

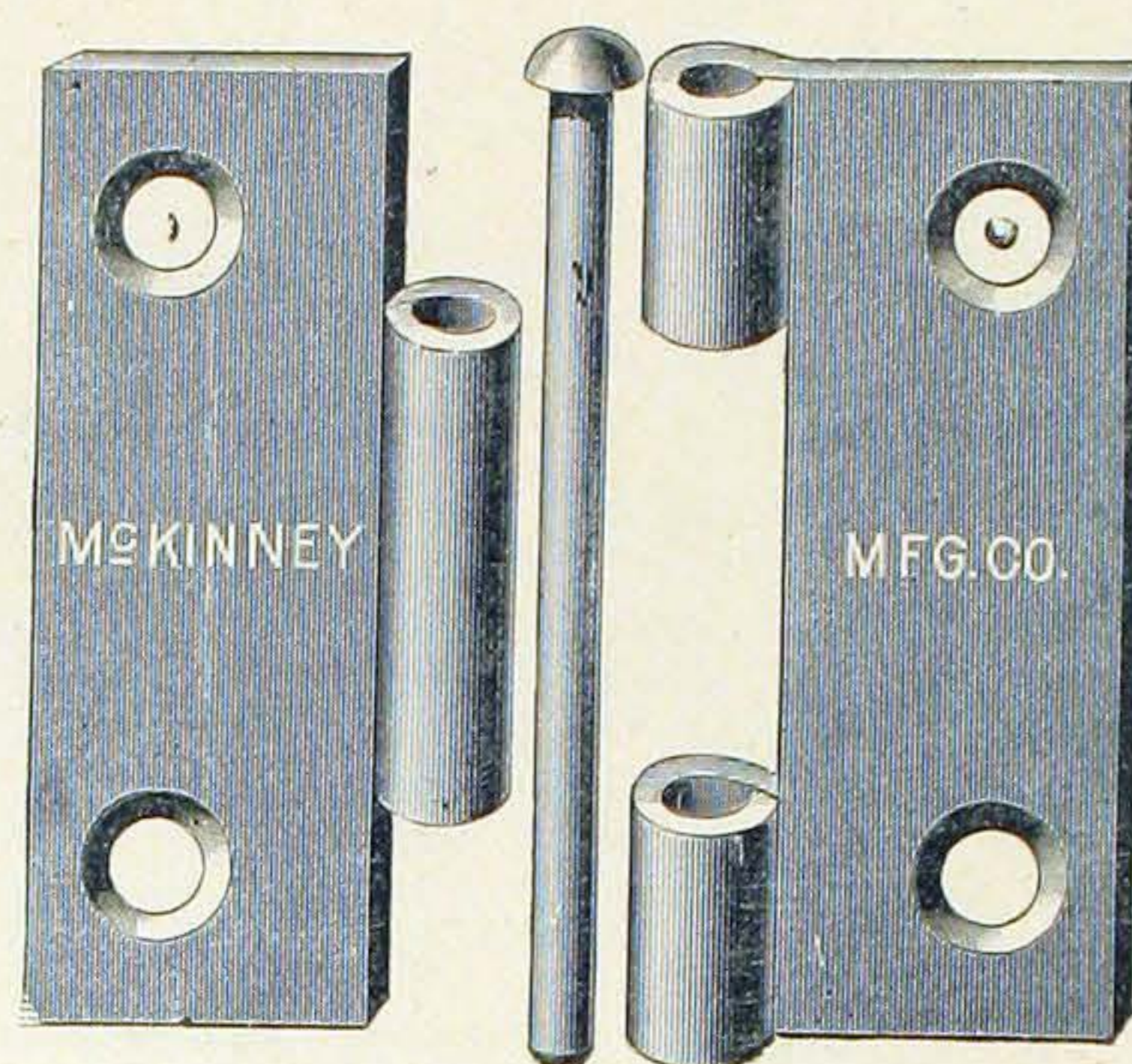
Polished Steel Light Narrow Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.32	No. 3	4	100
1¼	.36	" 3	4	100
1½	.43	" 5	4	100
1¾	.50	" 5	4	100
2	.60	" 6	4	100
2¼	.66	" 6	6	100
2½	.72	" 6	6	100
2¾	.84	" 7	6	50
3	.90	" 7	6	50

No. 721.

Polished Steel Light Narrow, Loose Pin Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1½	\$0.56	No. 5	4	100
1¾	.65	" 5	4	100
2	.78	" 6	4	100
2¼	.86	" 6	6	100
2½	.94	" 6	6	100
3	1.10	" 7	6	50

No. 723.

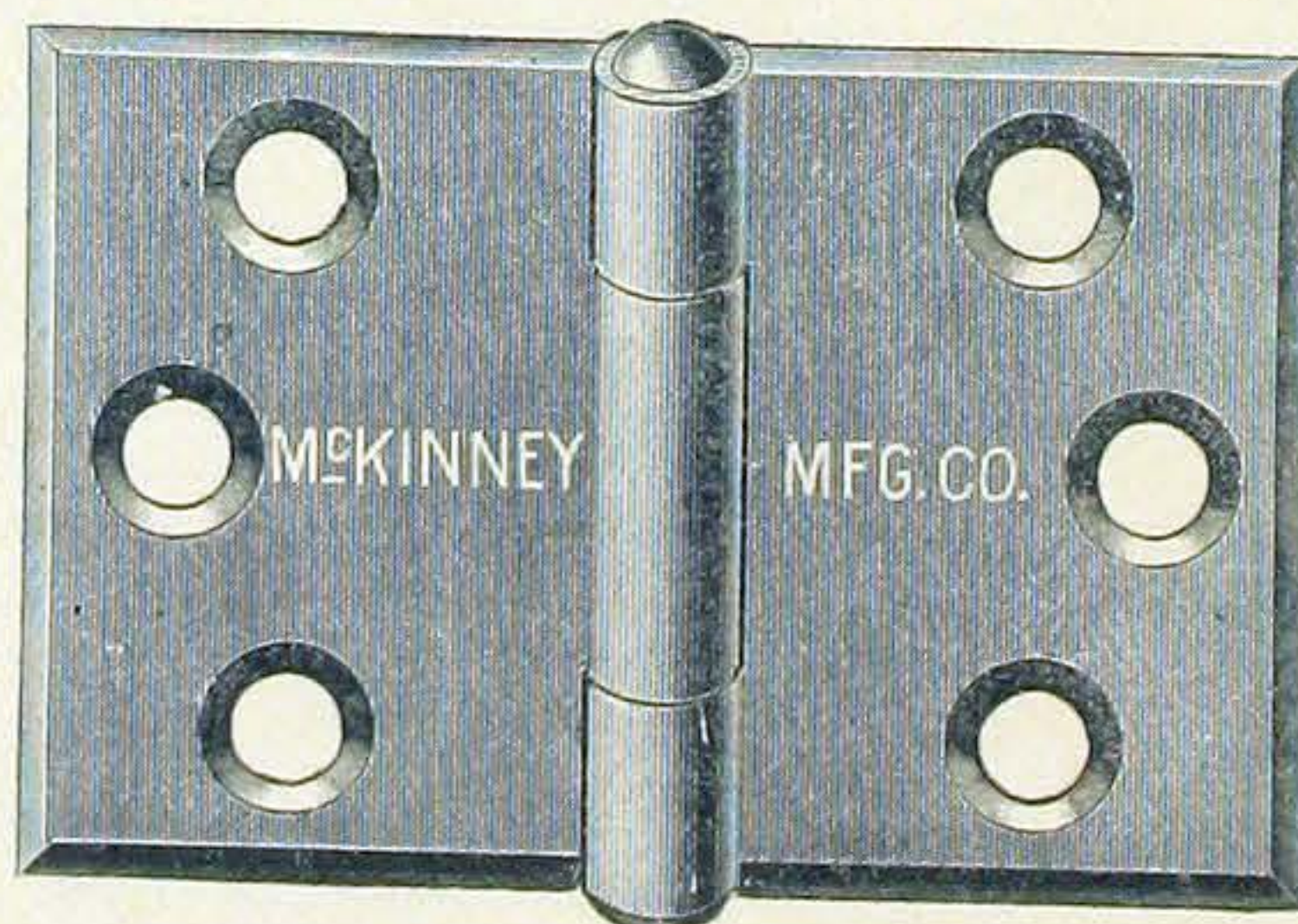
Polished Steel Light Inside Blind Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.45	No. 4	6	100
1⅛	.50	" 5	6	100
1¼	.55	" 5	6	100
1⅜	.60	" 5	6	100
1½	.65	" 5	6	100
1¾	.75	" 5	6	50

No. 724.

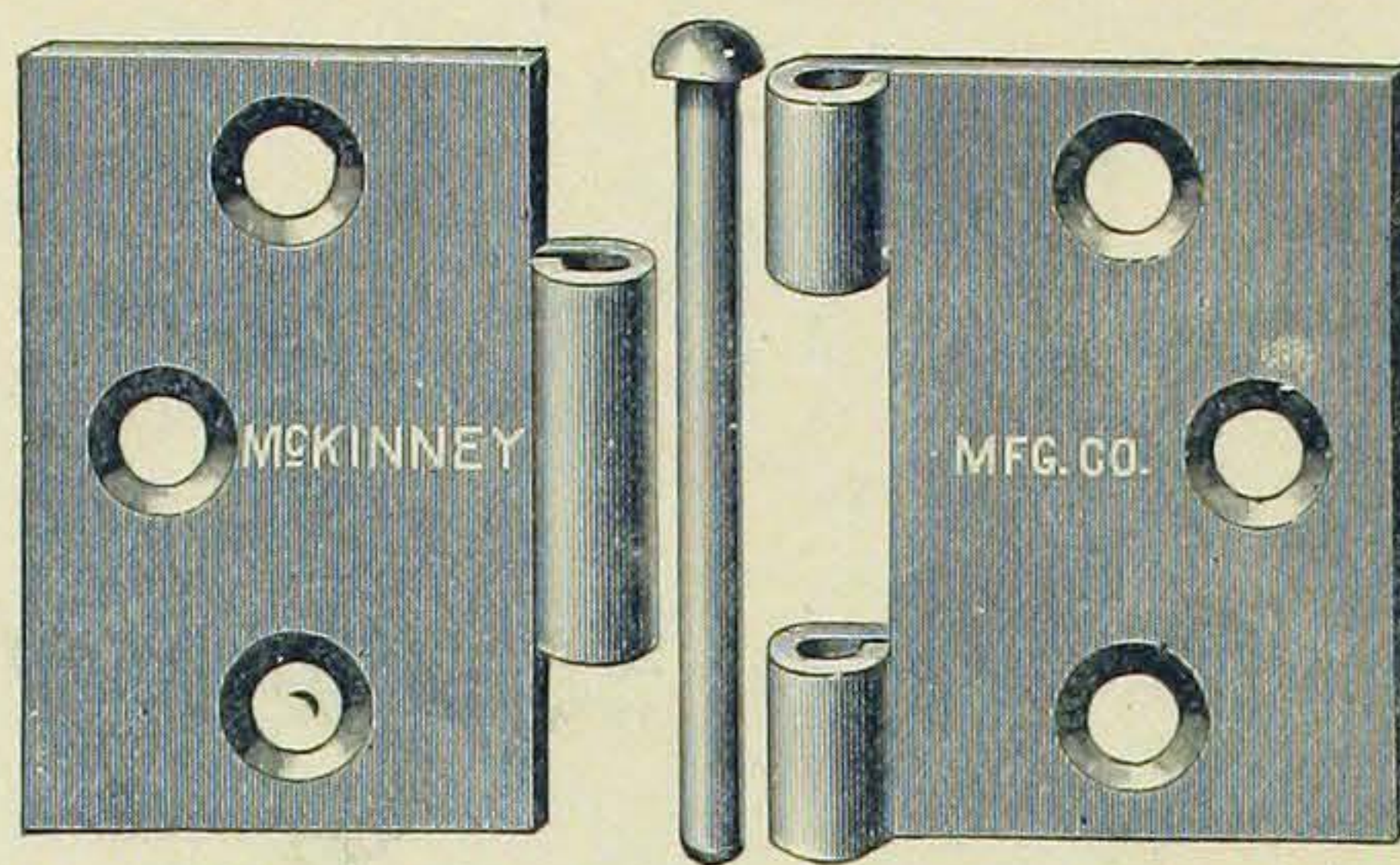
Polished Steel Light Inside Blind, Beveled Edge Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.87	No. 4	6	100
1⅛	.92	" 5	6	100
1¼	1.00	" 5	6	100
1⅜	1.10	" 5	6	100
1½	1.25	" 5	6	100
1¾	1.35	" 5	6	50

No. 725.

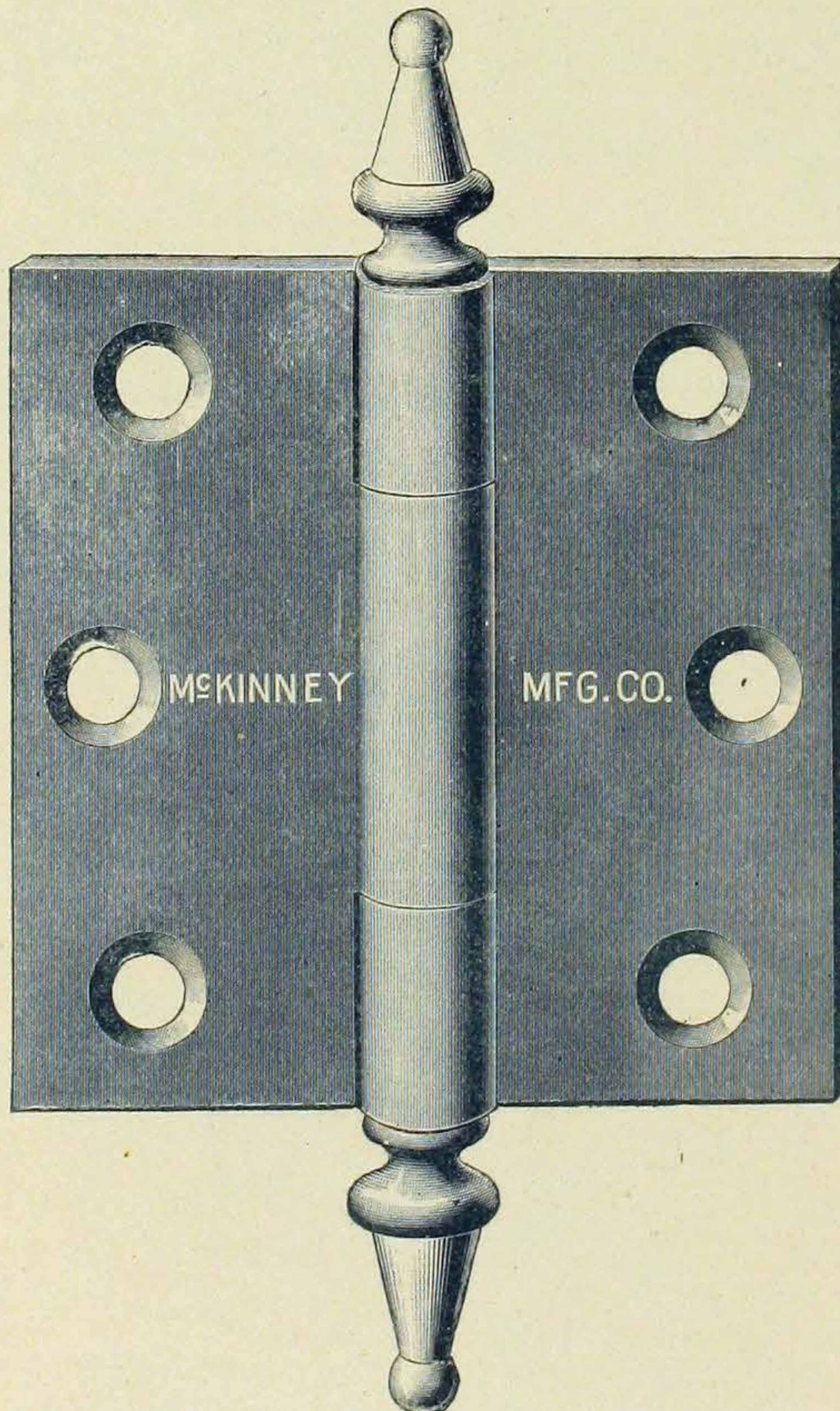
Polished Steel Light Inside Blind, Loose Pin Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.65	No. 4	6	100
1 1/8	.70	" 5	6	100
1 1/4	.75	" 5	6	100
1 3/8	.80	" 5	6	100
1 1/2	.85	" 5	6	100

No. 750.

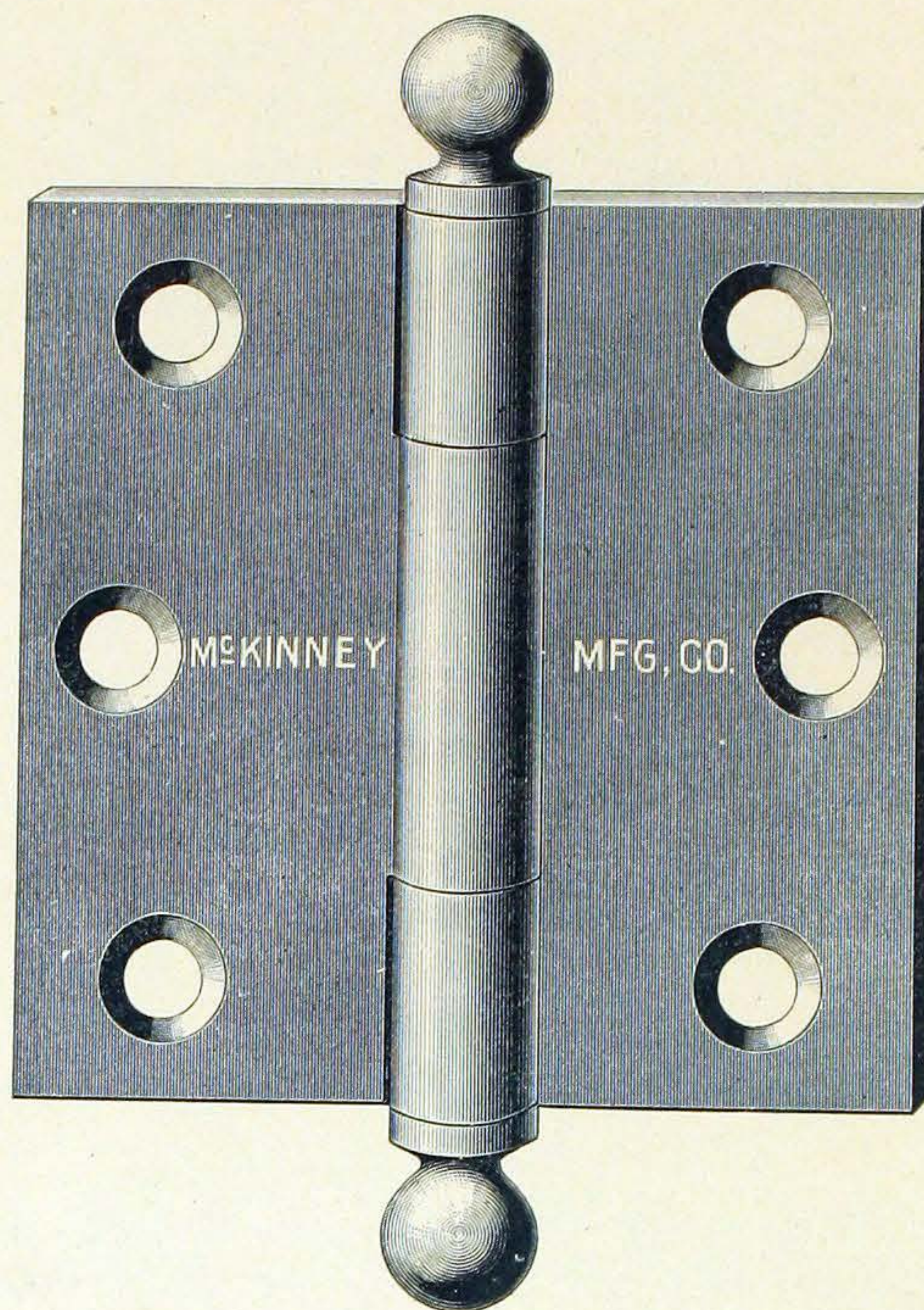
Japanned Steel Steeple Tip, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No of screws to each butt.	No. of doz. in full cases.	Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.50	No. 8	4	50	4 x 3 1/2	\$4.70	No. 11	8	25
2 x 2 1/2	2.80	" 8	4	50	4 x 4	5.00	" 11	8	25
2 1/2 x 2	2.90	" 9	6	50	4 x 4 1/2	5.40	" 11	8	20
2 1/2 x 2 1/2	3.00	" 9	6	50	4 1/2 x 4	5.70	" 12	8	10
3 x 2 1/2	3.30	" 10	6	25	4 1/2 x 4 1/2	6.00	" 12	8	10
3 x 3	3.50	" 10	6	25	4 1/2 x 5	6.60	" 12	8	10
3 x 3 1/2	3.65	" 10	6	25	5 x 5	7.50	" 12	8	10
3 1/2 x 3	3.80	" 11	6	25	5 1/2 x 5 1/2	9.00	" 13	8	10
3 1/2 x 3 1/2	4.00	" 11	6	25	6 x 6	11.00	" 13	8	10
3 1/2 x 4	4.40	" 11	6	25					

No. 753.

Japanned Steel Ball Tip, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.	Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.50	No. 8	4	50	4 x 3 1/2	\$4.70	No. 11	8	25
2 x 2 1/2	2.80	" 8	4	50	4 x 4	5.00	" 11	8	25
2 1/2 x 2	2.90	" 9	6	50	4 x 4 1/2	5.40	" 11	8	20
2 1/2 x 2 1/2	3.00	" 9	6	50	4 1/2 x 4	5.70	" 12	8	20
3 x 2 1/2	3.30	" 10	6	25	4 1/2 x 4 1/2	6.00	" 12	8	10
3 x 3	3.50	" 10	6	25	4 1/2 x 5	6.60	" 12	8	10
3 x 3 1/2	3.65	" 10	6	25	5 x 5	7.50	" 12	8	10
3 1/2 x 3	3.80	" 11	6	25	5 1/2 x 5 1/2	9.00	" 13	8	10
3 1/2 x 3 1/2	4.00	" 11	6	25	6 x 6	11.00	" 13	8	10
3 1/2 x 4	4.40	" 11	6	25					

No. 775.

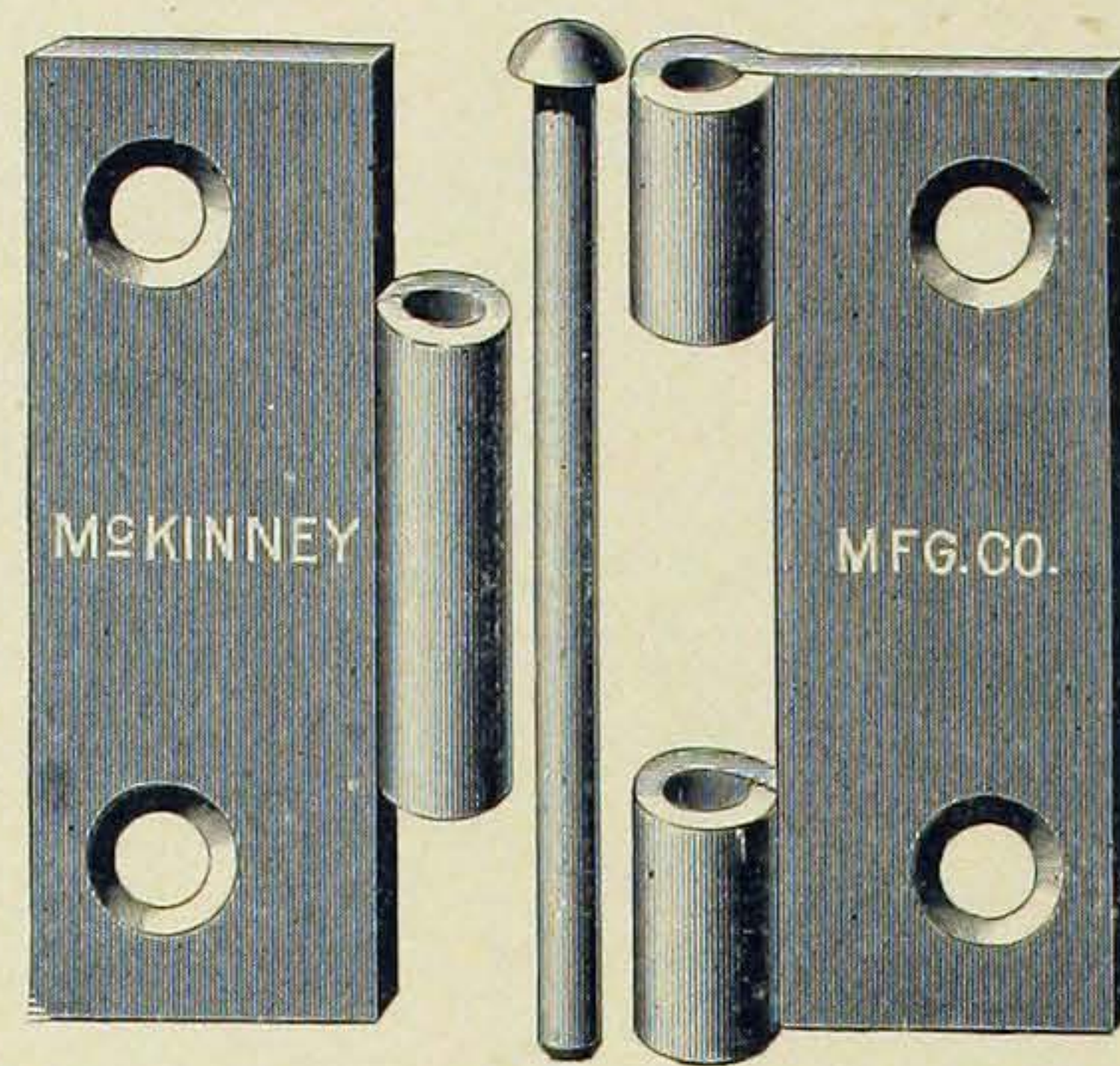
Bronzed Steel Light Narrow Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.65	No. 3	4	100
1 1/4	.70	" 3	4	100
1 1/2	.75	" 5	4	100
1 3/4	.83	" 5	4	100
2	.92	" 6	4	100
2 1/4	1.03	" 6	6	100
2 1/2	1.13	" 6	6	100
3	1.25	" 7	6	50

No. 777.

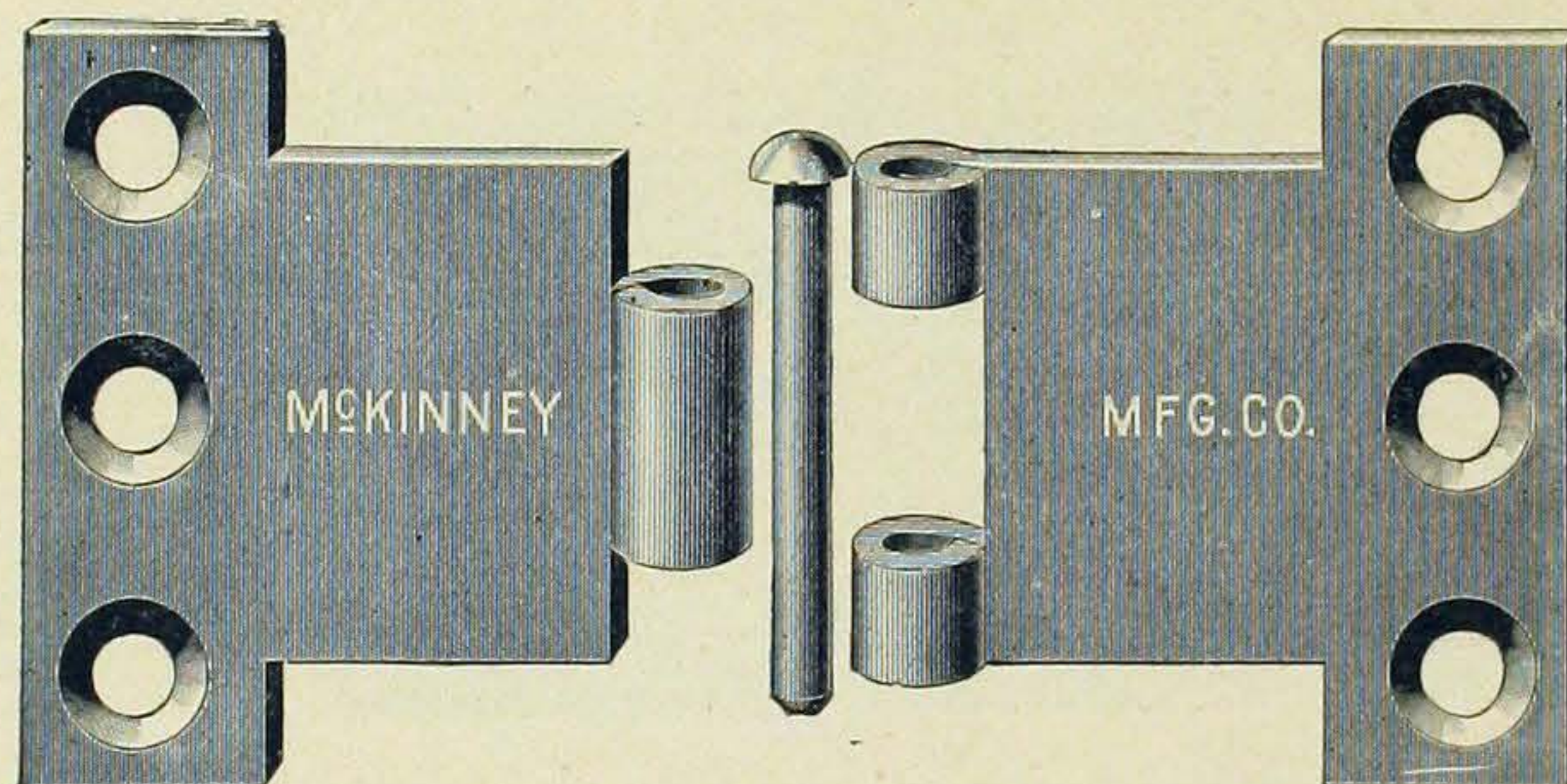
Bronzed Steel Light Narrow, Loose Pin Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1 1/2	\$1.05	No. 5	4	100
1 3/4	1.16	" 5	4	100
2	1.30	" 6	4	100
2 1/4	1.44	" 6	6	100
2 1/2	1.57	" 6	6	100
3	1.75	" 7	6	100

No. 779.

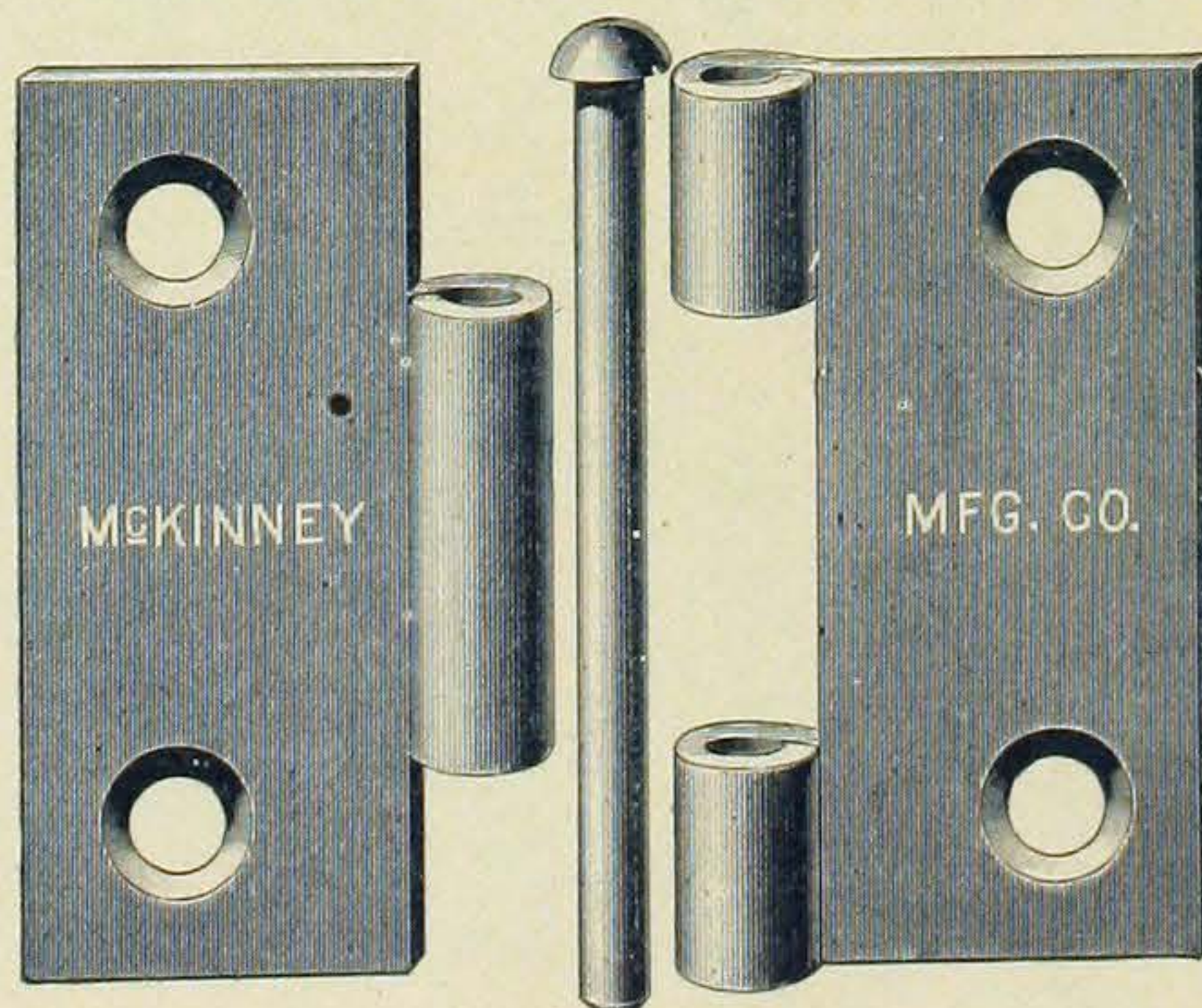
Bronzed Steel Light Parliament, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
2 1/2	\$2.60	No. 6	6	50
3	2.90	" 6	6	50
3 1/2	3.30	" 6	6	50
4	3.70	" 7	6	50

No. 781.

Bronzed Steel Light Reversible, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
2 x 2	\$1.50	No. 7	4	50
2 x 2 1/2	1.60	" 7	4	50
2 1/2 x 2	1.75	" 7	6	50
2 1/2 x 2 1/2	1.85	" 7	6	50
2 1/2 x 3	1.95	" 7	6	50

No. 783.

Bronzed Steel Light Inside Blind Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$0.75	No. 4	6	100
1 1/8	.80	" 5	6	100
1 1/4	.84	" 5	6	100
1 3/8	.90	" 5	6	100
1 1/2	.95	" 5	6	100
1 3/4	1.05	" 5	6	100

No. 784.

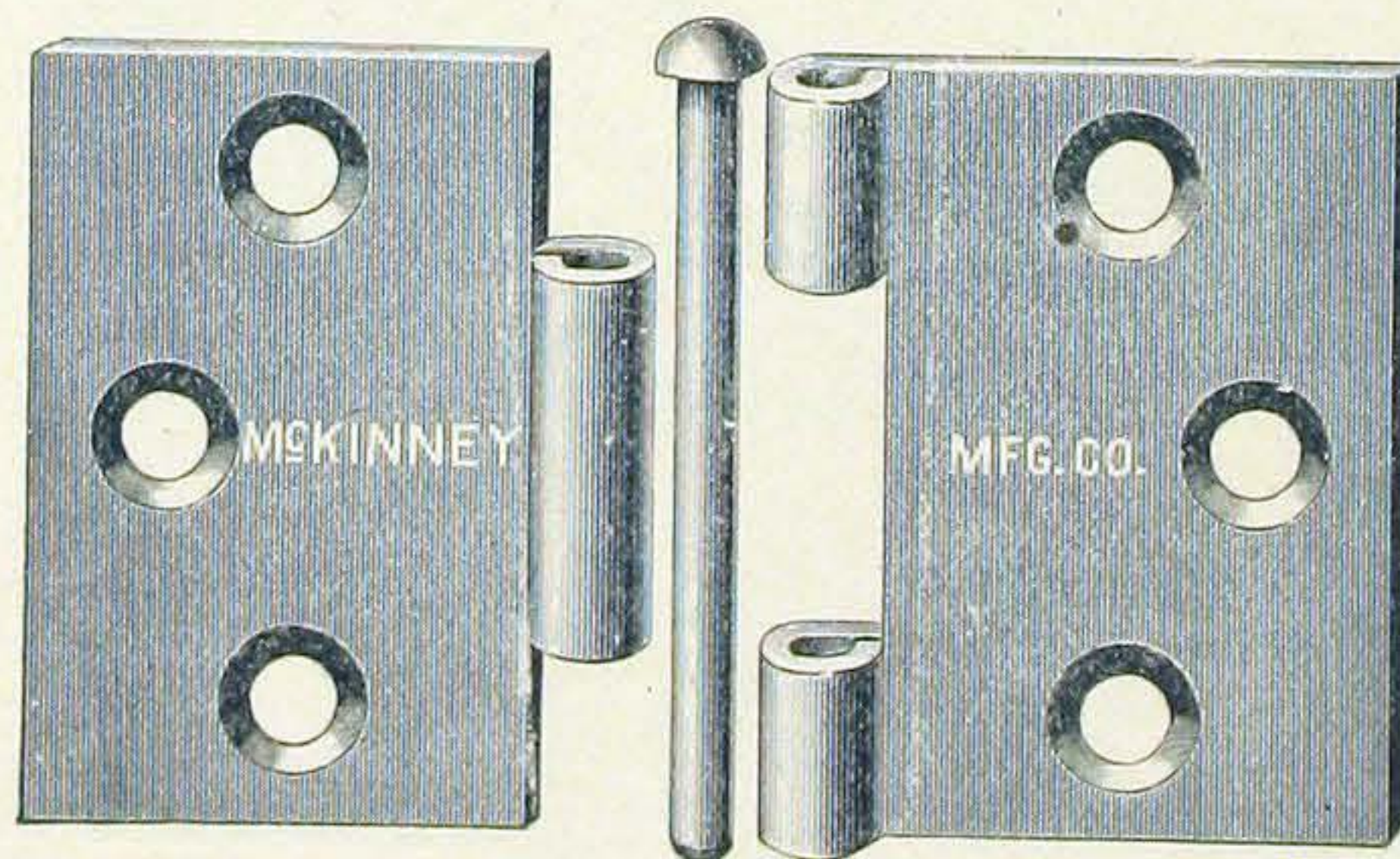
Bronzed Steel Light Inside Blind, Beveled Edge Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1	\$1.00	No. 4	6	100
1 1/8	1.05	" 5	6	100
1 1/4	1.10	" 5	6	100
1 3/8	1.20	" 5	6	100
1 1/2	1.30	" 5	6	100
1 3/4	1.40	" 5	6	100

No. 785.

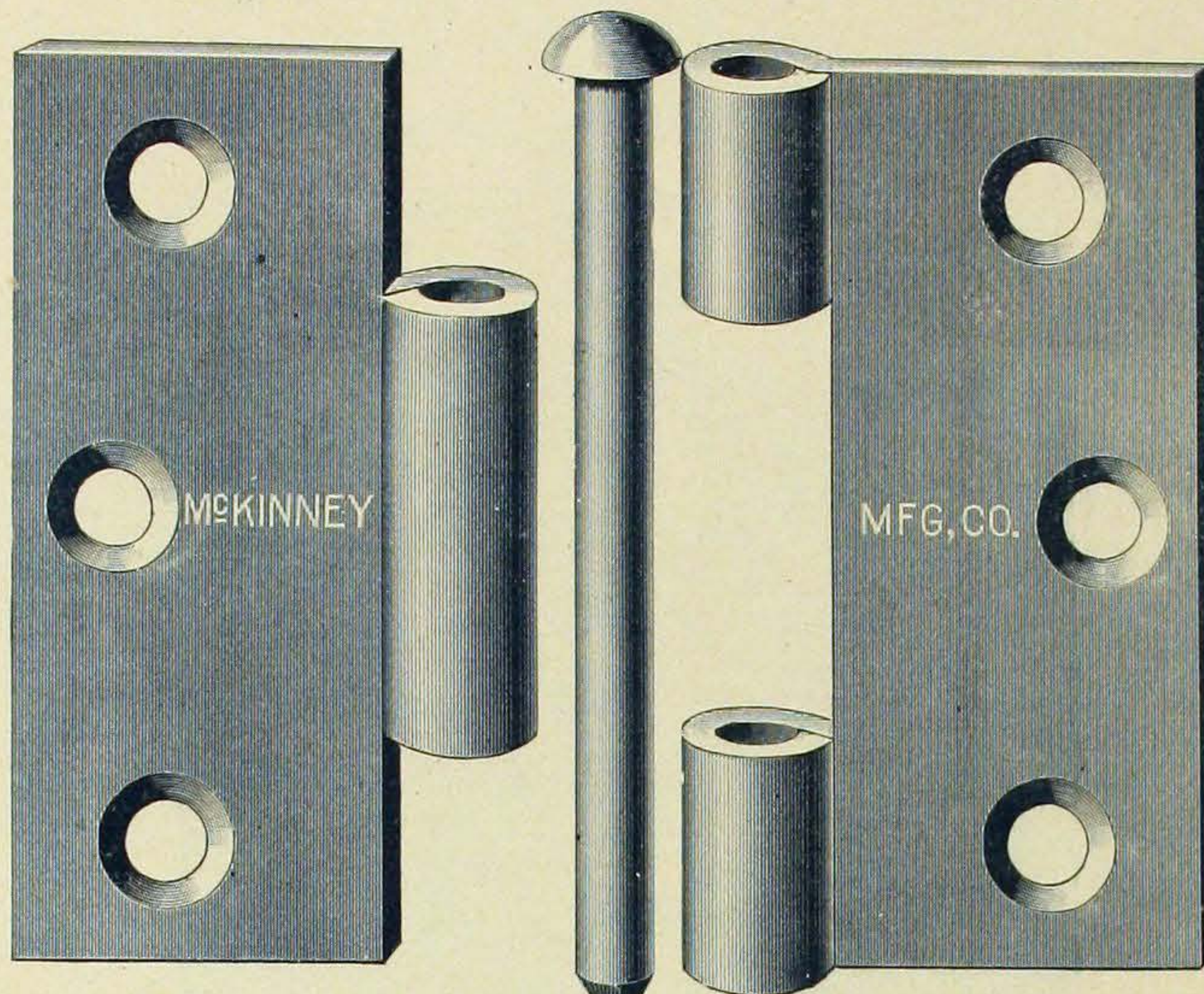
Bronzed Steel Light Inside Blind. Loose Pin Butts.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of dozen in full cases.
1 1/8	\$1.00	No. 5	6	100
1 1/4	1.05	" 5	6	100
1 3/8	1.10	" 5	6	100
1 1/2	1.15	" 5	6	100

Bronzed Steel Reversible, Loose Pin Butts.

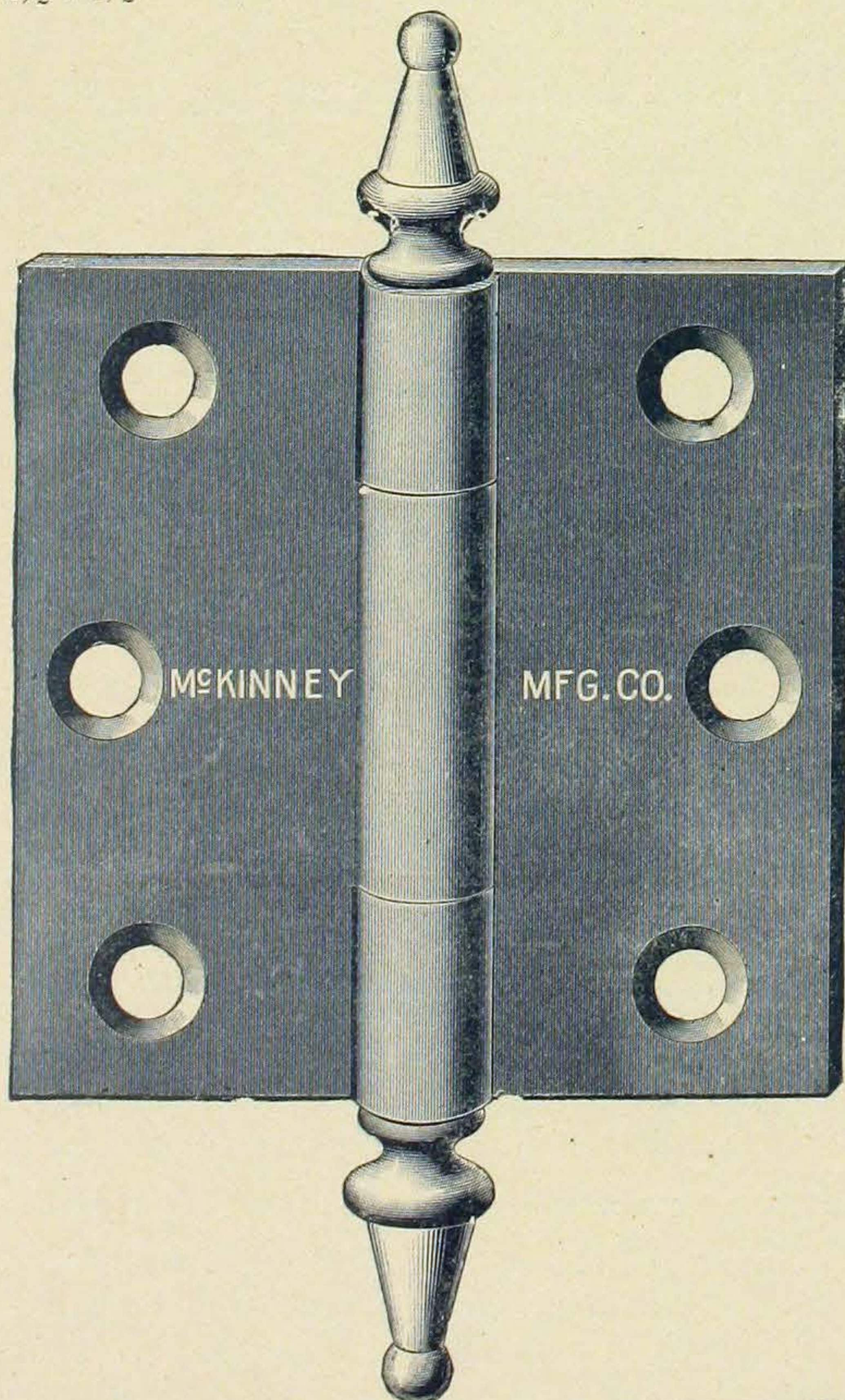
No. 787.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$1.70	No. 8	4	50
2 x 2½	1.80	" 8	4	50
2 x 3	2.10	" 8	4	50
2½ x 2	2.15	" 9	6	50
2½ x 2½	2.30	" 9	6	50
2½ x 3	2.50	" 9	6	50
3 x 2½	2.50	" 10	6	25
3 x 3	2.70	" 10	6	25
3 x 3½	2.90	" 10	6	25
3½ x 3	3.25	" 11	6	25
3½ x 3½	3.35	" 11	6	25

Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
3½ x 4	\$4.00	No. 11	6	25
4 x 3½	4.00	" 11	8	25
4 x 4	4.10	" 11	8	25
4 x 4½	5.00	" 11	8	25
4½ x 4	5.00	" 12	8	20
4½ x 4½	5.10	" 12	8	10
4½ x 5	6.40	" 12	8	10
5 x 5	6.60	" 12	8	10
5½ x 5½	7.50	" 13	8	10
6 x 6	8.60	" 13	8	10

No. 789.

Bronzed Steel Steeple Tip,
Loose Pin Butts.

Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.85	No. 8	4	50
2 x 2½	2.95	" 8	4	50
2½ x 2	3.40	" 9	6	50
2½ x 2½	3.50	" 9	6	50
3 x 2½	3.70	" 10	6	25
3 x 3	3.90	" 10	6	25
3 x 3½	4.20	" 10	6	25
3½ x 3	4.60	" 11	6	25
3½ x 3½	4.75	" 11	6	25
3½ x 4	\$4.90	" 11	6	25
4 x 3½	5.10	" 11	8	25
4 x 4	5.50	" 11	8	25
4 x 4½	5.80	" 11	8	20
4½ x 4½	6.50	" 12	8	10
4½ x 5	7.00	" 12	8	10
5 x 5	8.10	" 12	8	10
5½ x 5½	9.00	" 13	8	10
6 x 6	10.00	" 13	8	10

No. 791.

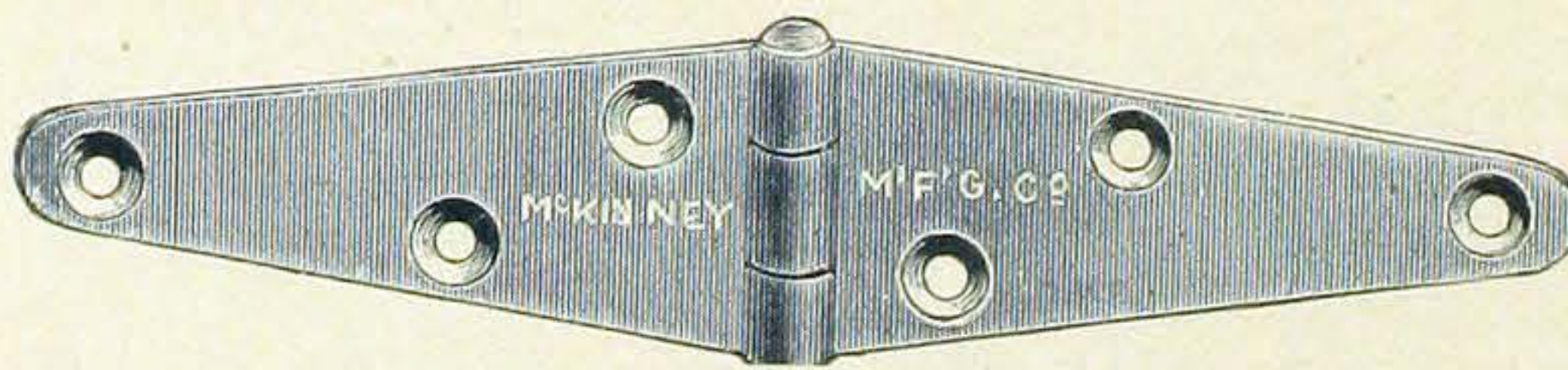
Bronzed Steel Ball Tip, Loose Pin Butts.



Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.	Size open.	Per doz. pairs.	Size of screw.	No. of screws to each butt.	No. of doz. in full cases.
2 x 2	\$2.85	No. 8	4	50	3 1/2 x 4	4.90	" 11	6	25
2 x 2 1/2	2.95	" 8	4	50	4 x 3 1/2	5.10	" 11	8	25
2 1/2 x 2	3.40	" 9	6	50	4 x 4	5.50	" 11	8	25
2 1/2 x 2 1/2	3.50	" 9	6	50	4 x 4 1/2	5.80	" 11	8	20
3 x 2 1/2	3.70	" 10	6	25	4 1/2 x 4 1/2	6.50	" 12	8	10
3 x 3	3.90	" 10	6	25	4 1/2 x 5	7.00	" 12	8	10
3 x 3 1/2	4.20	" 10	6	25	5 x 5	8.10	" 12	8	10
3 1/2 x 3	4.60	" 11	6	25	5 1/2 x 5 1/4	9.00	" 13	8	10
3 1/2 x 3 1/2	4.75	" 11	6	25	6 x 6	10.00	" 13	8	10

No. 800.

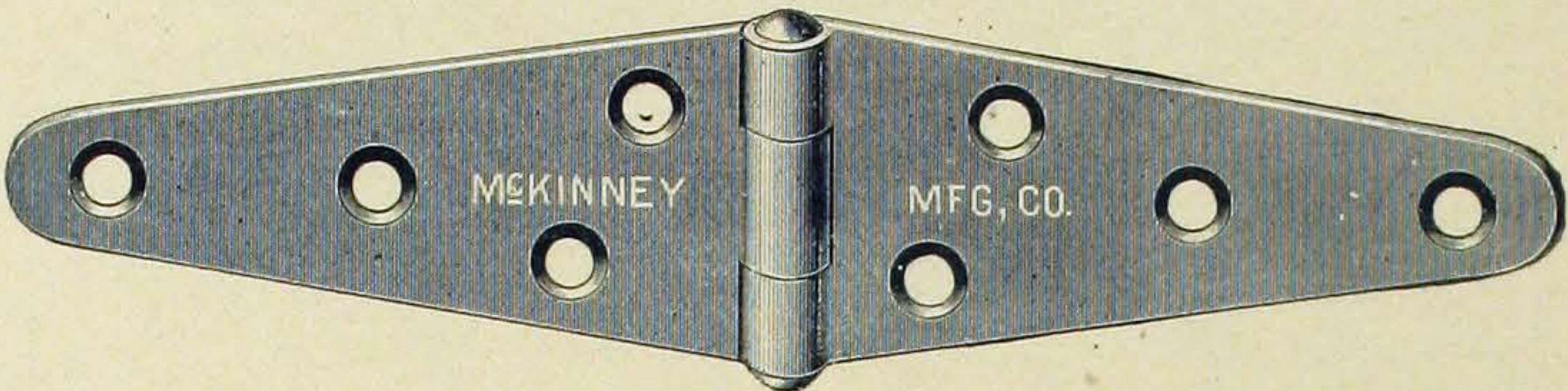
Light Strap Hinges.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of dozen in barrel.
3	\$0.50	No. 6	6	200
4	.65	" 7	6	175
5	.75	" 8	8	100
6	.95	" 9	8	90
7	1.20	" 10	8	55
8	1.35	" 10	8	45
10	1.90	" 10	8	35
12	3.25	" 11	8	18
14	4.00	" 12	10	16
16	5.00	" 12	10	12

No. 803.

Heavy Strap Hinges.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of dozen in barrel.
4	\$0.80 per doz.	No. 9	8	100
5	1.00 "	" 10	8	80
6	.07½ per lb.	" 11	8	40
8	.07 "	" 12	8	20
10	.06½ "	" 13	8	12
12	.06½ "	" 14	10	9
14	.06½ "	" 16	10	7
16	.06½ "	" 16	10	5

No. 805.

Light T Hinges.



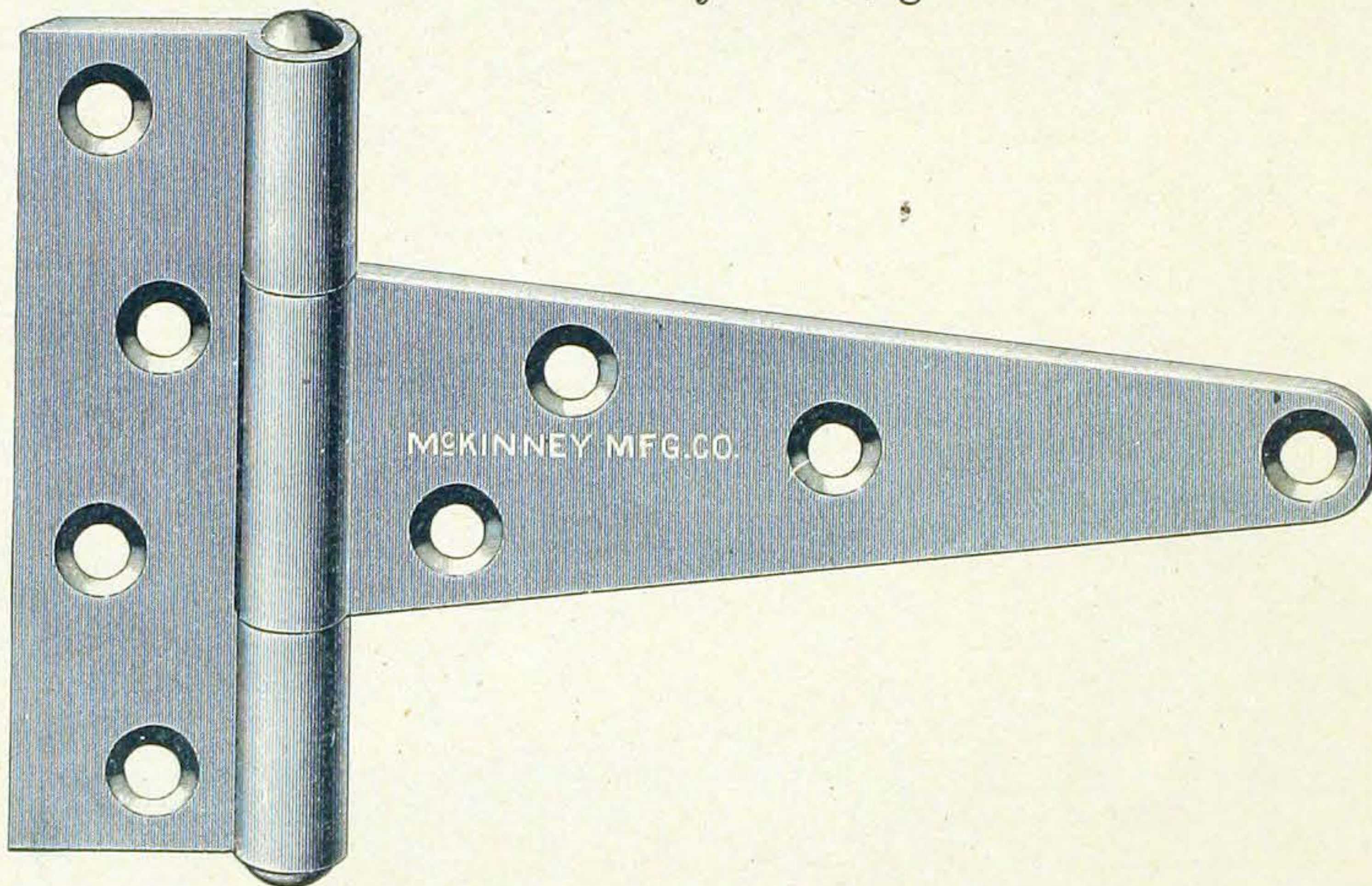
Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of dozen in barrel.
3	\$0.60	No. 6	6	175
4	.65	" 7	6	150
5	.75	" 8	7	100
6	.90	" 8	7	80
8	1.10	" 9	7	50
10	1.40	" 10	8	30
12	2.10	" 11	8	20
14	3.00	" 12	9	15

No. 807.
Heavy T Hinges.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of doz. in barrel.	Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of doz. in barrel.
4	\$0.80	No. 8	6	100	10	\$1.90	No. 11	8	30
5	.90	" 8	7	85	12	3.00	" 12	8	20
6	1.00	" 9	7	65	14	4.00	" 13	9	15
8	1.25	" 10	7	45	16	4.50	" 14	9	13

No. 809.
Extra Heavy T Hinges.



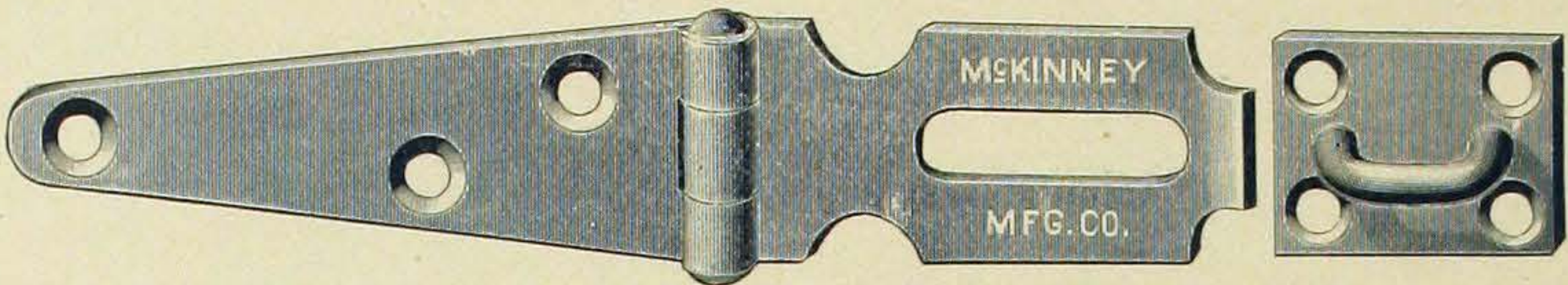
Size.	Price.	Size of screw.	No. of screws to each hinge.	No. of doz. in barrel.
5	\$1.35 per doz.	No. 10	8	50
6	.08 per lb.	" 11	8	30
8	.07 1/2 "	" 13	8	20
10	.07 "	" 14	9	10
12	.07 "	" 14	10	8
14	.07 "	" 16	10	6
16	.07 "	" 16	10	5

No. 811.
Long Chest Hinges.



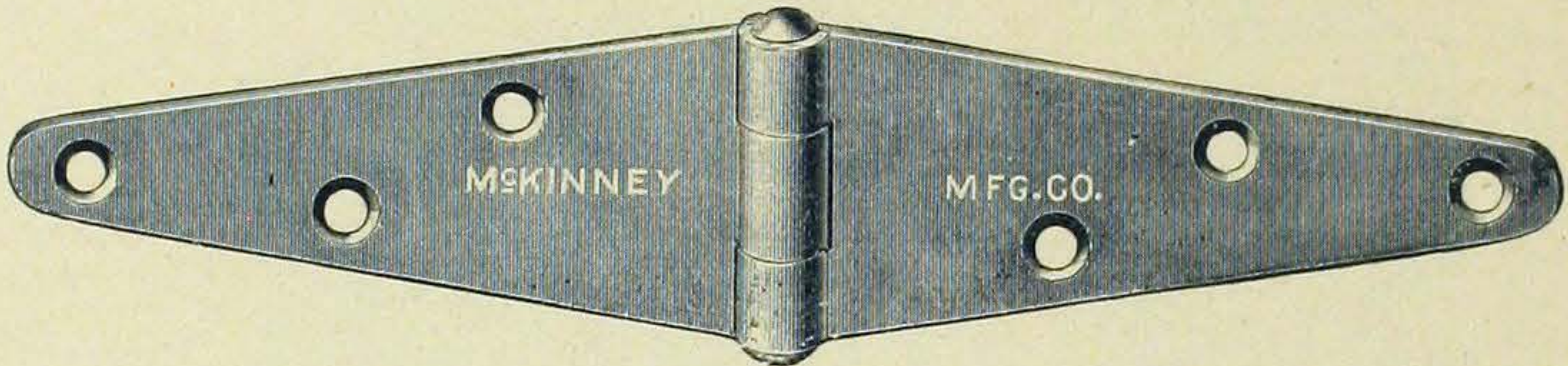
Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of doz. in barrel.
6	\$0.90	No. 8	7	100
8	1.10	" 9	7	75
10	1.40	" 10	7	50
12	1.75	" 11	8	30

No. 813.
Hinge Hasps.



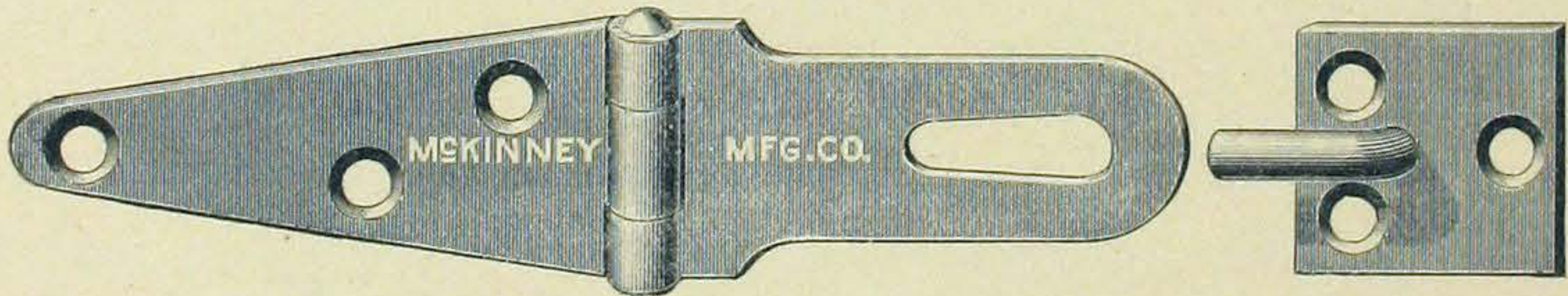
Size.	Per doz. pairs.	Size of screw.	No. of screws to each hasp.	No. of dozen in barrel.
3	\$0.90	No. 6	7	150
4 1/2	1.10	" 7	7	85
6	1.30	" 9	8	50
8	1.90	" 10	8	30
10	2.50	" 10	8	20
12	4.00	" 12	8	15

No. 815.
Crate Hinges.



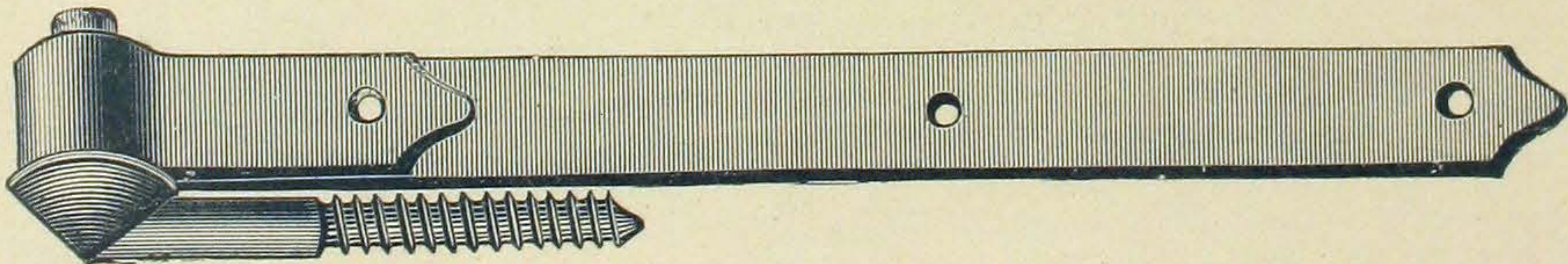
Size.	Per doz. pairs.	Size of screw.	No. of screws to each hinge.	No. of dozen in barrel.
3	\$0.50	No. 6	6	200

No. 817.
Crate Hasps.



Size.	Per doz. pairs.	Size of screw.	No. of screws to each hasp.	No. of dozen in barrel.
3	\$0.90	No. 6	6	150

No. 819.
Screw and Strap Hinges.



Size.	per pound,	cts.
6 to 12 inch,		
14 to 20 "		
22 to 36 "		

AGENTS FOR

CARTER & CO.,

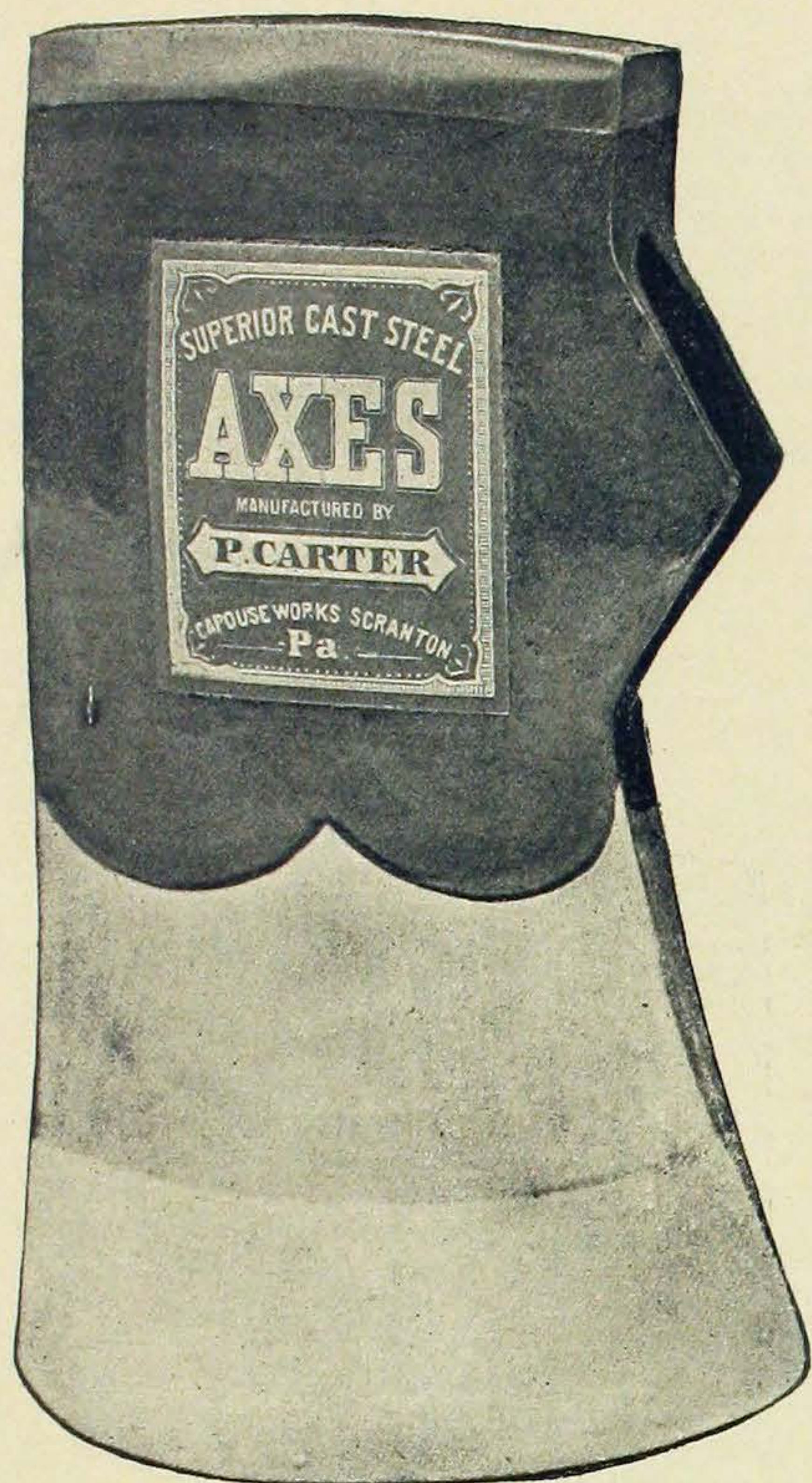
SUCCESSORS OF

PULASKI CARTER.

ESTABLISHED 1841.

**Michigan Pattern Bronzed.**

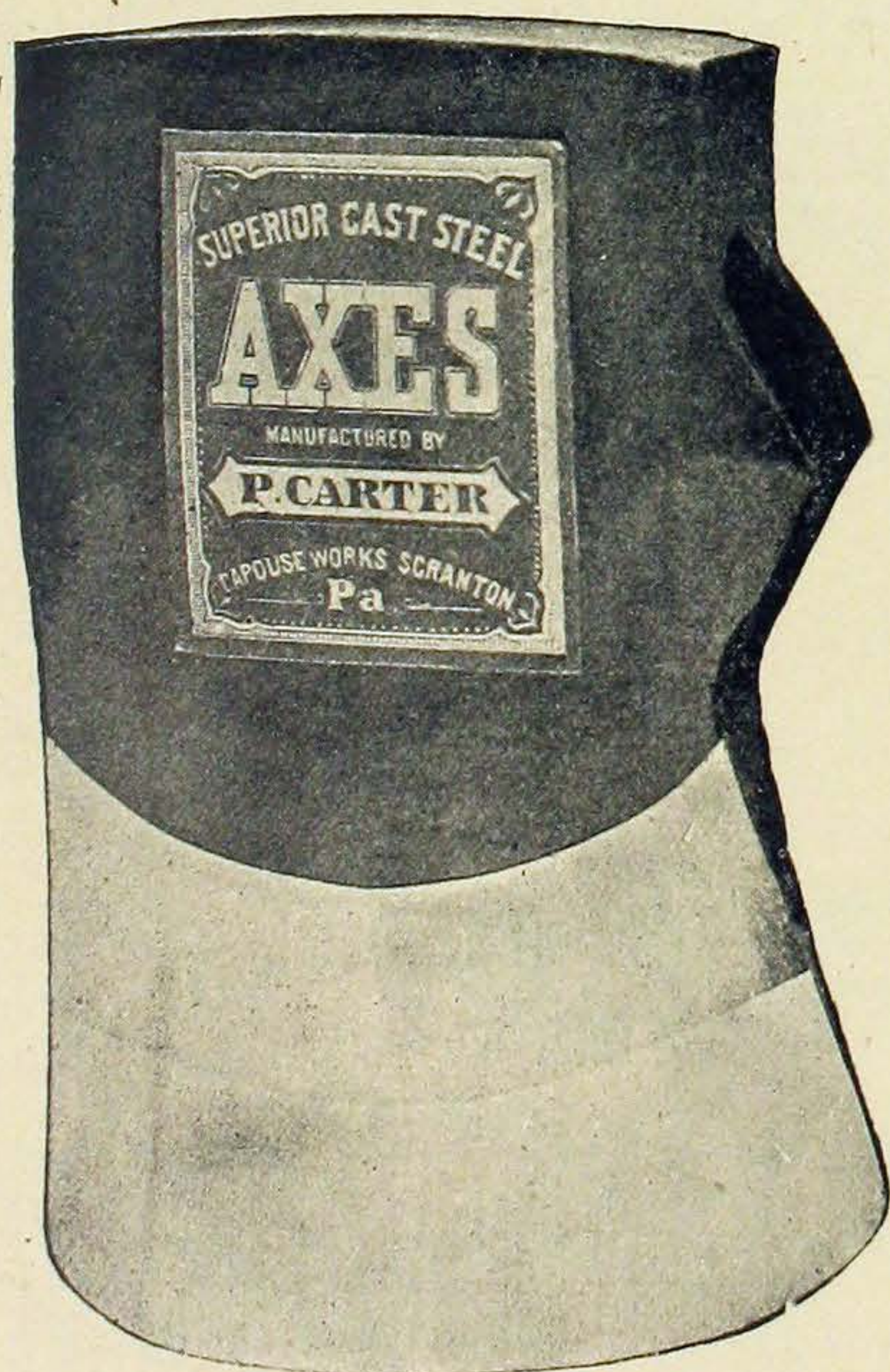
Our Axes are Tempered the **Old Way** (one at a time) and **Thoroughly Tested.**



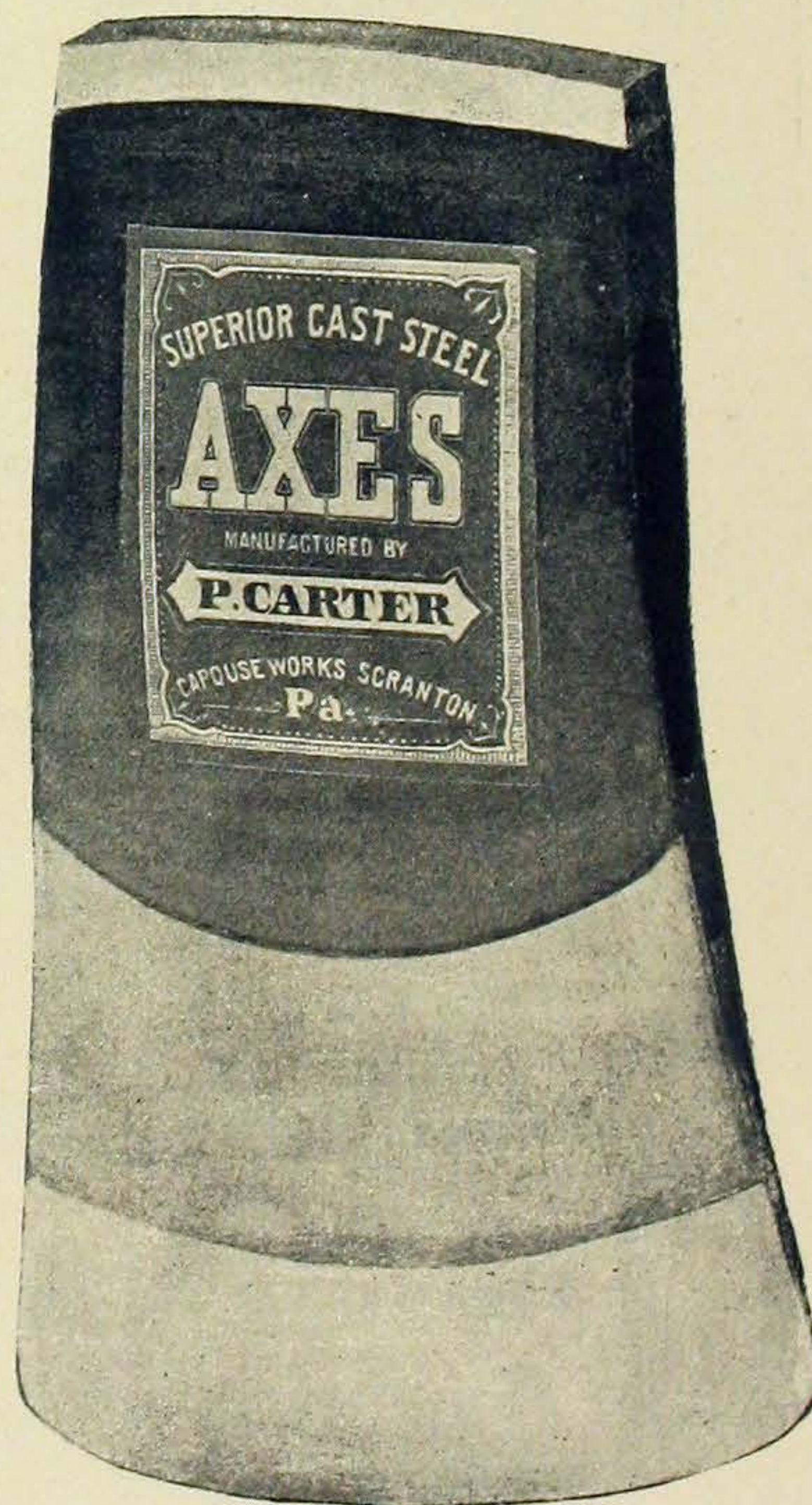
Southern Kentucky.



Baltimore Kentucky Beveled.

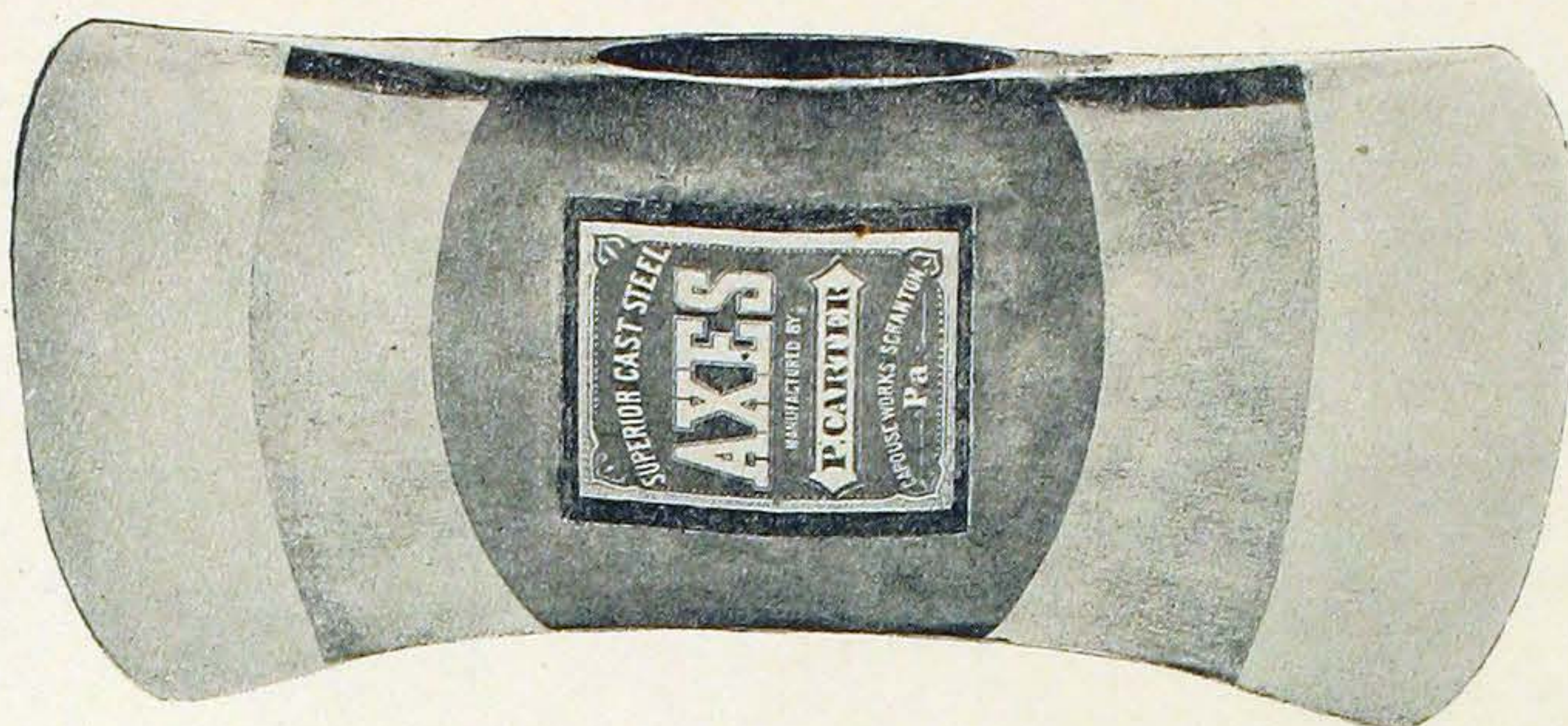


Jersey Pattern.



Long Island.

Our Axes are tempered the "old way," (one at a time,) and thoroughly tested.



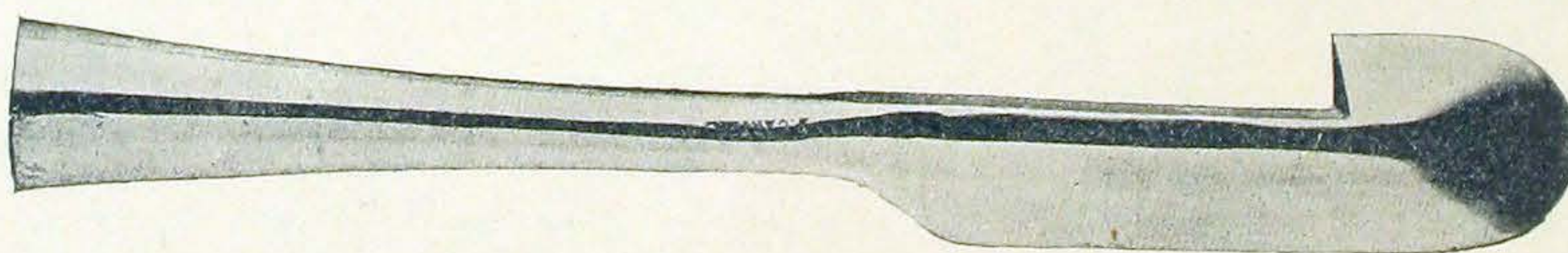
Double Bitt.



Delaware Pattern.



Carter's Rockaway.



Socket Bark Spud—Solid Steel, Full Polish.

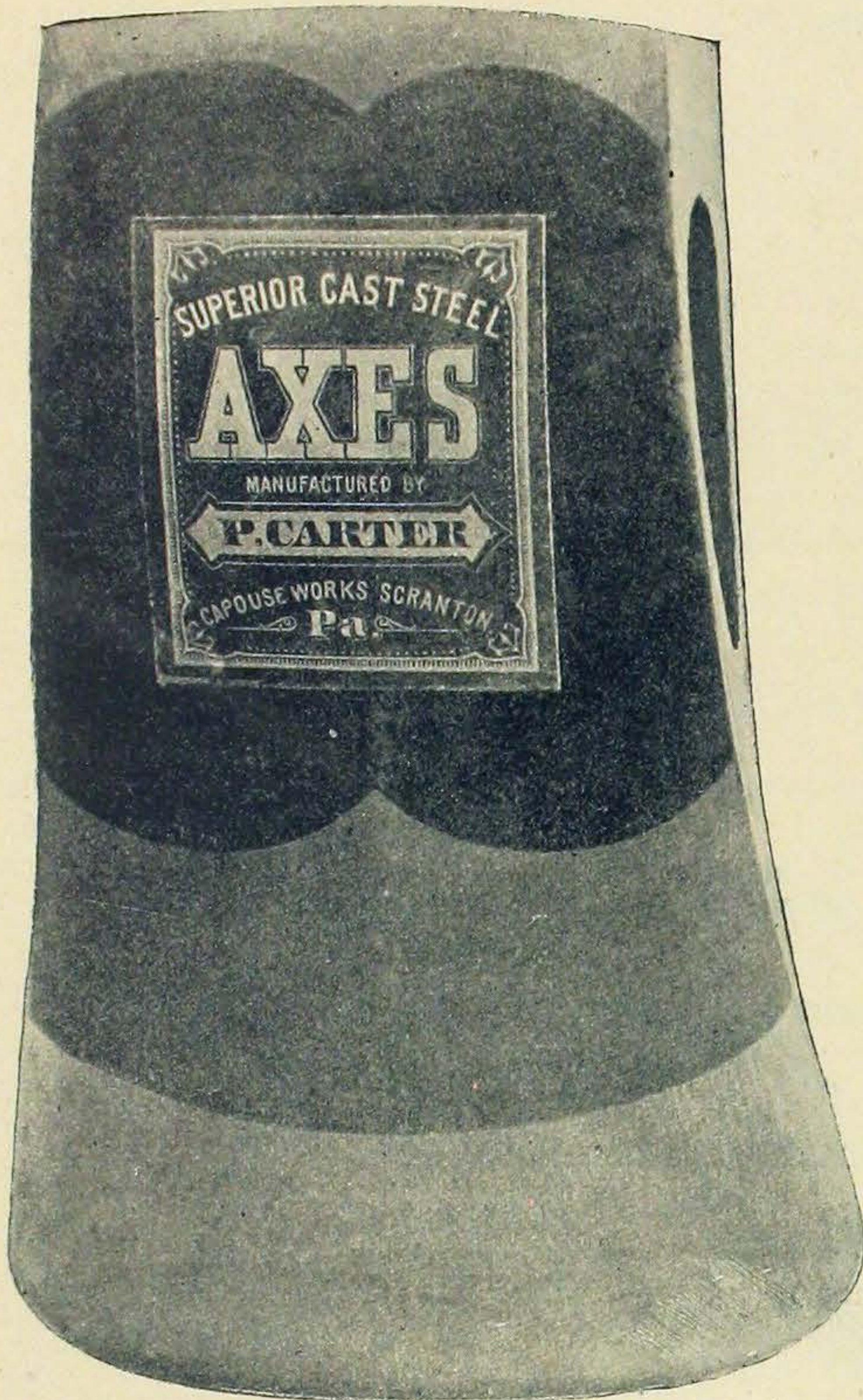
PRICES.

Bark Spuds, with handles, one dozen in case,
Bark Spud Handles,

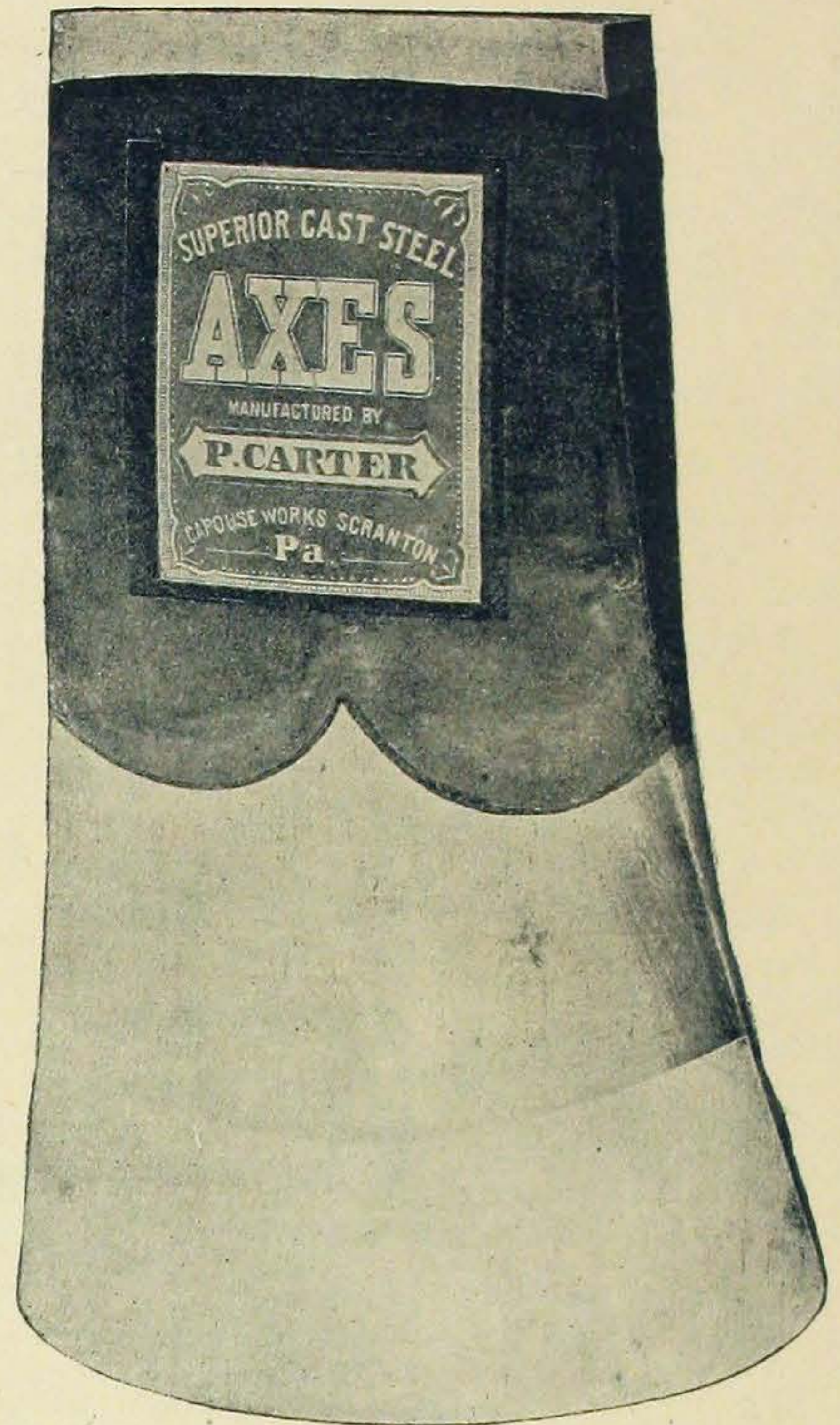
per dozen, \$12.00

" 1.00

Our Axes are tempered the "old way," one at a time, and thoroughly tested.



Dayton Pattern.



Yankee Pattern.

PRICES.

Single Bitts, bronzed or painted, first quality,	Per doz.
“ “ “ second quality,	\$10.00
Double “ “ first “	9.00
“ “ “ second “	16.00
Boys' Axes, with No. 1 handles,	14.00
	10.00

EXTRAS.

Delaware Pattern, with hardened steel heads,	\$ 1.00
Weights, over 5 lbs. or 5 to 6 pounds,	.50
“ 6 to 7 pounds,	1.00
Single Bitts, beveled,	.50
Double “ “	1.00
Handled Axes, with No. 2 handles,	1.50
“ “ “ No. 1 “	1.75
“ “ “ extra “	2.25

Our Axes are not warranted. We use the Best Cast Steel obtainable and employ only skilled and experienced workmen. We know our goods give satisfaction. Axes are bronzed or painted red, black or blue as desired. Weights stamped on each Axe. The photo process of etching, used for these cuts, do not show fully the shape, that is, they will not scale, as they give the perspective. Our Axes are all Ridge Bitts as shown by wood cut of Michigan Pattern. The effect of the light upon the polished part was such that the ridge did not show in the etching. We make all patterns.

Our Axes are tempered the **old way** (one at a time) and **thoroughly tested.**

AGENTS FOR

THE PIKE MANUFACTURING CO.

SCYTHER STONES.



Indian Pond.

(TRADE MARK REGISTERED.)

Extra,		per gross, \$7.50
No. 1,		" 7.00
No. 2,		" 5.00

Packed in $\frac{1}{4}$ and $\frac{1}{2}$ gross boxes as ordered.
From New Hampshire Quarries near Pike Station.



Black Diamond.

(TRADE MARK REGISTERED.)

No. 1,		per gross, \$12.00
No. 2,		" 8.00

Packed in $\frac{1}{4}$ gross slide cover boxes, 1 gro. in a crate, flat octagon in shape.

From our celebrated Vermont quarries. A finer gritted Stone than the Indian Pond, but at the same time of a very sharp fast cutting grit. We originated this brand in 1879, and from the start it met with a ready sale. There have been several imitations of the shape put upon the market, but of such poor quality of grit and finish that those who have bought them once are hardly liable to buy them the second time. Be sure to get the genuine Black Diamond, every stone labeled.



Lamoille.

(TRADE MARK REGISTERED.)

Price,		per gross, \$11.00
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Round oval in shape. Packed in $\frac{1}{4}$ gross boxes, slide covers.

From our Lamoille quarry in northern Vermont. A fine, very sharp gritted stone, one of the best selling of our fine grits.



Green Mountain.

(TRADE MARK REGISTERED.)

Price,		per gross, \$6.00
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Packed in $\frac{1}{4}$ gross boxes.

Same grit as Lamoille, but smaller and not so well finished or perfect.

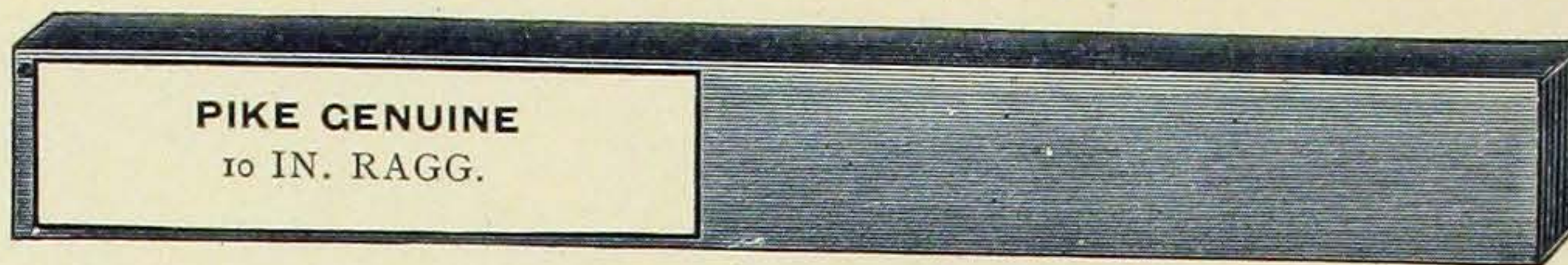
Union.

Price,		per gross, \$10.00
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Packed in $\frac{1}{4}$ gross boxes.

A flat oval 10 in. stone, from "Taylor Quarry."

SCYTHE STONES.



Genuine 10 in. Ragg.

Packed in $\frac{1}{4}$ gross slide cover boxes, per gross, \$12.00

Flat square finish, 10 in. long x $1\frac{1}{2}$ to $\frac{3}{4}$.

From our Brownington quarry at Brownington, Vt. Fine sharp grit and nicely finished.



Genuine 9 in. Ragg.

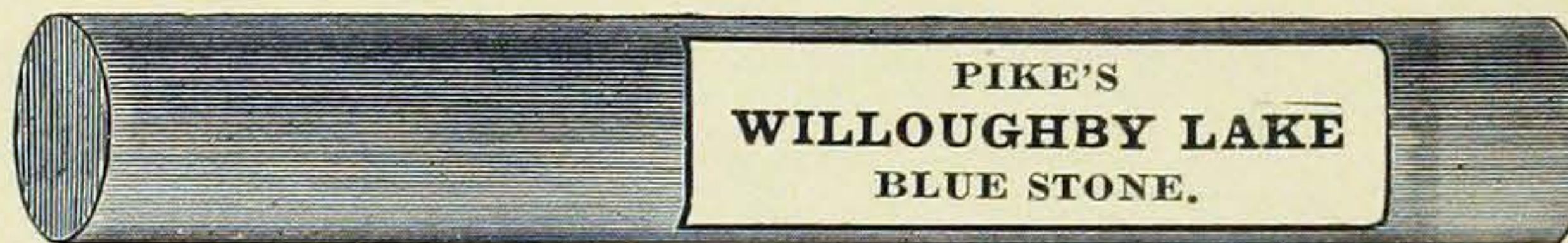
Packed in $\frac{1}{4}$ gross slide cover boxes, per gross, \$10.00

From our quarry near Willoughby Lake, Vt. A little finer grit and of harder texture than the 10 inch.

No. 2 Ragg.

Packed in $\frac{1}{4}$ gross boxes, per gross, \$5.00

These are of either of the above grits, but on account of small size, poor finish or foreign substance they are unsuitable for the No. 1 assortment.



Willoughby Lake.

(TRADE MARK REGISTERED.)

Packed in $\frac{1}{4}$ gross slide cover boxes, per gross, \$9.00

From our celebrated Willoughby Lake quarry. Bluish gray in color; fine sharp grit. Round oval in shape.

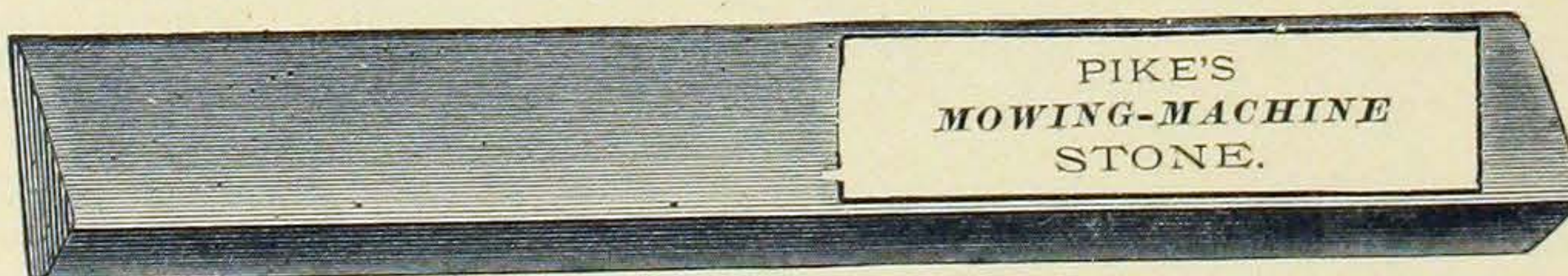


White Mountain.

(TRADE MARK REGISTERED.)

Packed in $\frac{1}{4}$ gross slide cover boxes, per gross, \$9.00

From one of our best New Hampshire quarries. Medium coarse grit.



Mowing Machine.

No. 1, per gross, \$12.00
No. 2, " 8.00

Packed in $\frac{1}{4}$ gross slide cover boxes.

A fine gritted stone, beveled expressly for whetting mowing machine knives.

Leader.

Packed in $\frac{1}{4}$ gross boxes, per gross, \$5.00

A second quality stone from our northern Vermont quarries.

SCYTHE STONES.

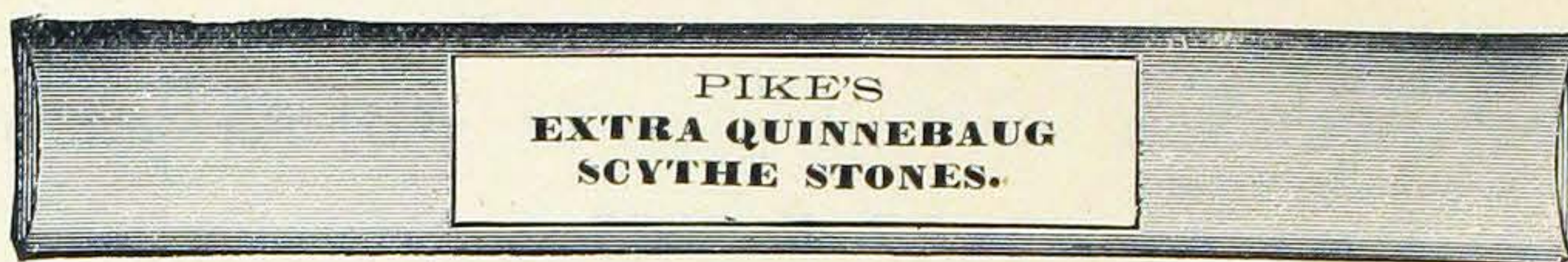


Darby Creek.

Large round oval, larger in centre than at ends. Packed 25 in a box.

Vermont, No. 1,	per hundred, \$12 00
" " 2,	" 9 00
Ohio, " 1,	" 8 00
Imported English,	" 12 00

The Vermont Darby is the finest grit. The Ohio is a coarse gritted, free cutting stone. The English is an imported stone, of sharp, coarse grit.



Extra Quinnebaug.

Packed in $\frac{1}{4}$ gross boxes, per gross, \$7 00
FROM OUR VERMONT QUARRIES.

Premium Quinnebaug.

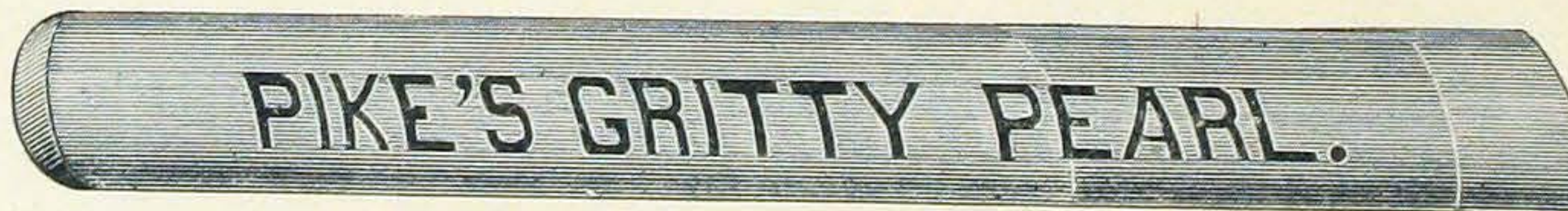
Packed in $\frac{1}{4}$ gross boxes, per gross, \$9 00
From our old French quarry in New Hampshire. A flat, oval stone, well finished,



Diamond Pearl.

Price, per gross, \$24 00

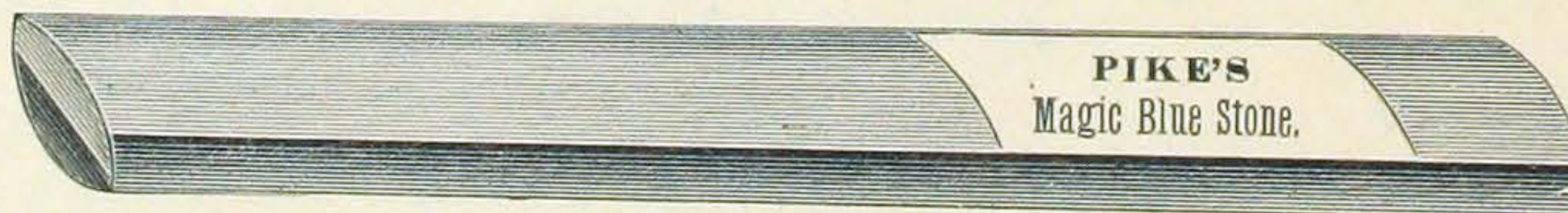
The handsomest, finest gritted Scythe Stone made. First put on the market in 1884, and has met with a steady, increasing demand. A beautiful pearl white in color, and of soft, free cutting grit. Makes a splendid kitchen stone; and on account of its flat surface, can be used for sharpening tools, either dry or with water.



Gritty Pearl.

Price, per gross, \$24 00

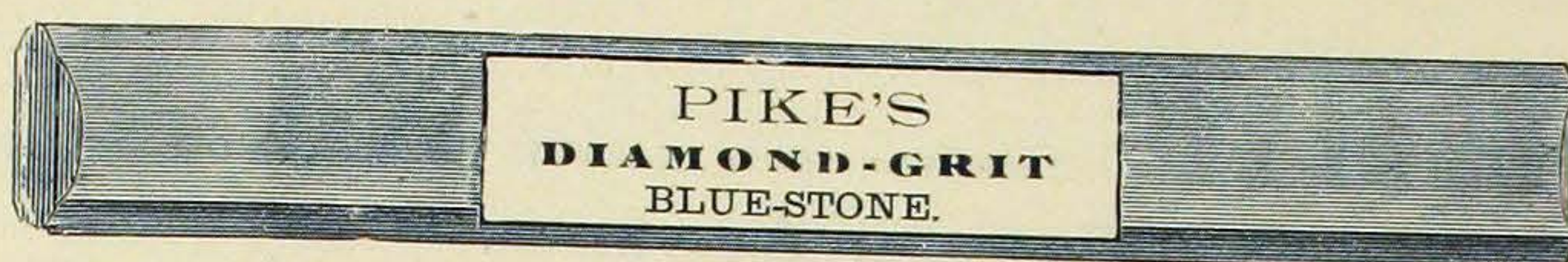
Same as Diamond Pearl, except in shape, which is a full oval. Both packed in neat slide cover boxes, containing either one or three dozen, as ordered.



Magic.

Price, per gross, \$12 00
Packed in 1, 2 and 3 dozen slide cover boxes, one gross in a crate. A very handsome steel gray stone from our New Hampshire quarries, fine finish.

SCYTHE STONES.



Diamond Grit.

Price, per gross, \$10.00
 Packed in $\frac{1}{4}$ gross boxes, slide covers.
 A handsome silver gray stone, flat oval in shape, square edges. From our No. 5 New Hampshire quarry.

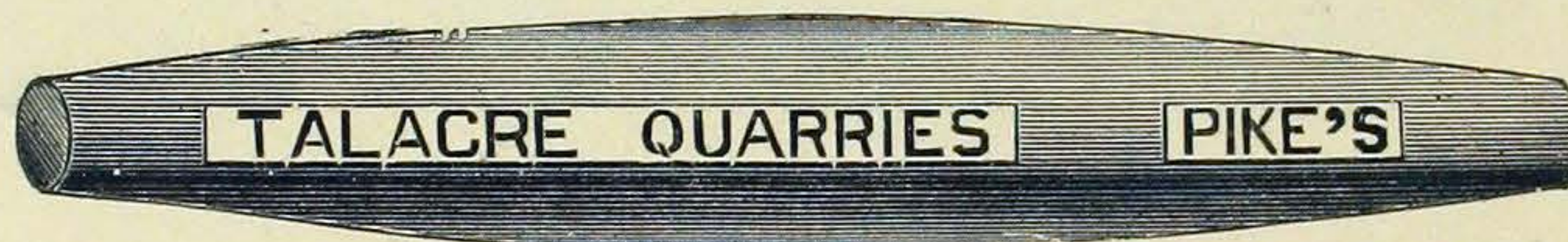


Chocolate.

No. 1, per gross, \$24.00
 No. 2, " 14.00
 No. 1, per lb., .32
 No. 2, " .20

Packed in 1 and 3 dozen boxes and in 10 and 20 lb. boxes.

From the celebrated Dodge quarries at Lisbon, N. H. A rich blue chocolate in color, and of a very sharp, fine grit. The best stone made for general use, as it is so sharp that it will set an edge on a scythe very quickly, and at the same time so fine that when used with oil will give an edge suitable for a razor.



Imported English Round.

Price, per gross, \$24.00
 Packed in $\frac{1}{2}$ gross boxes.



German Pattern.

No. 1, per hundred, \$10.00
 No. 2, " " 6.00

Packed 50 in a box.

From either Indian Pond or Lamoille quarries, as ordered.



Vienna Emery (Imported).

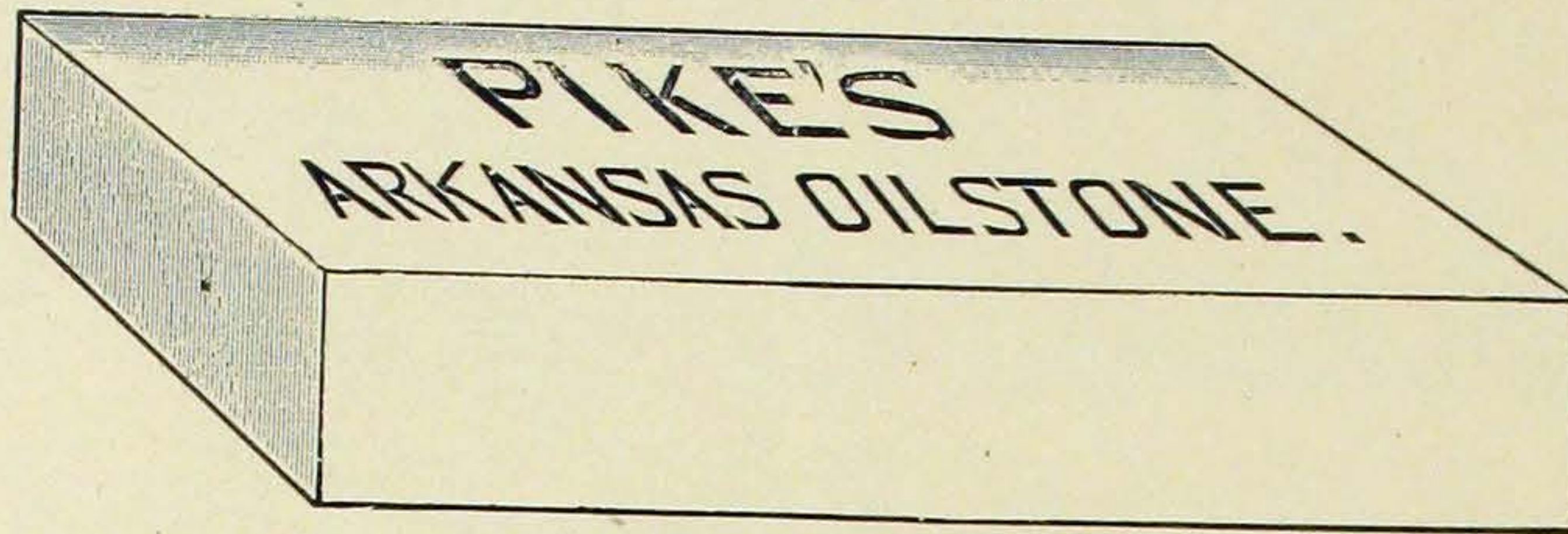
No. 1, Cigar shape, per thousand, \$80.00
 Packed in cases of 100 and 500.
 A very good stone for household use.



Scythe Rifles.

Three coat, per gross, \$10.00
 Four " " 12.00
 Packed in 3 dozen boxes, four boxes in a crate.
 These are good Emery Rifles.

OIL STONES.



Arkansas Oil Stone.

The Arkansas Stone is, as far as known, the hardest and finest Whet Stone in the World. It is composed of nearly pure silica in the form of minute crystals interpenetrating each other. It differs from "Washita" only in the minuteness of the crystals and more compact arrangement of the same, and is consequently very much harder. To engravers, watch-makers and all others using tools requiring a very fine edge, it is of the greatest value, and should be used carefully with pure sperm oil, or two-thirds sperm oil and one-third glycerine. It is so very hard in texture that our saws only cut about one half an inch per day, hence all special sizes cut to order cost us from 25 per cent. to 75 per cent. extra, and we always furnish same at lowest possible price, only charging additional cost.

Arkansas Oil Stones are regularly made in the following assortments.

ASSORTMENT.	QUALITY.	LENGTH.	WIDTH.	THICKNESS.		price per lb.
"A"	No. 1	3½ to 6	x 1¾ to 2	x 5 to 1½	.	\$2.50
"B"	No. 1	6 to 8	x 1¾ to 2	x 5 to 1½	.	3.00
"C"	No. 1	8 to 12	x 1¾ to 2½	x 5 to 1½	.	4.00
"D"	No. 2	3 to 5½	x 1¾ to 2	x 5 to 1½	.	1.00
"E"	No. 2	5 to 8	x 1¾ to 2	x 5 to 1½	.	1.50
"F"	No. 2	3½ to 10	x 1¾ to 2	x 5 to 1½	.	1.25
Jewellers'	No. 1	4½ to 6	x 1½ to 2	x 5 to 1½	.	3.00

Packed in 14 to 25 lb. boxes.

Round Edge Slips.

No. 1 reg., 3 to 5½ x 1¾ to 2	x 5 to 1½ back x 1 to 3 edge,	per lb.,	\$4.00
No. 1 small, 3 to 4½ x 1 to 1½	x 5 to 1½ back x 5 to sharp edge,	"	6.00
No. 2 assorted sizes,		"	2.50

Packed in 5 lb. slide cover boxes

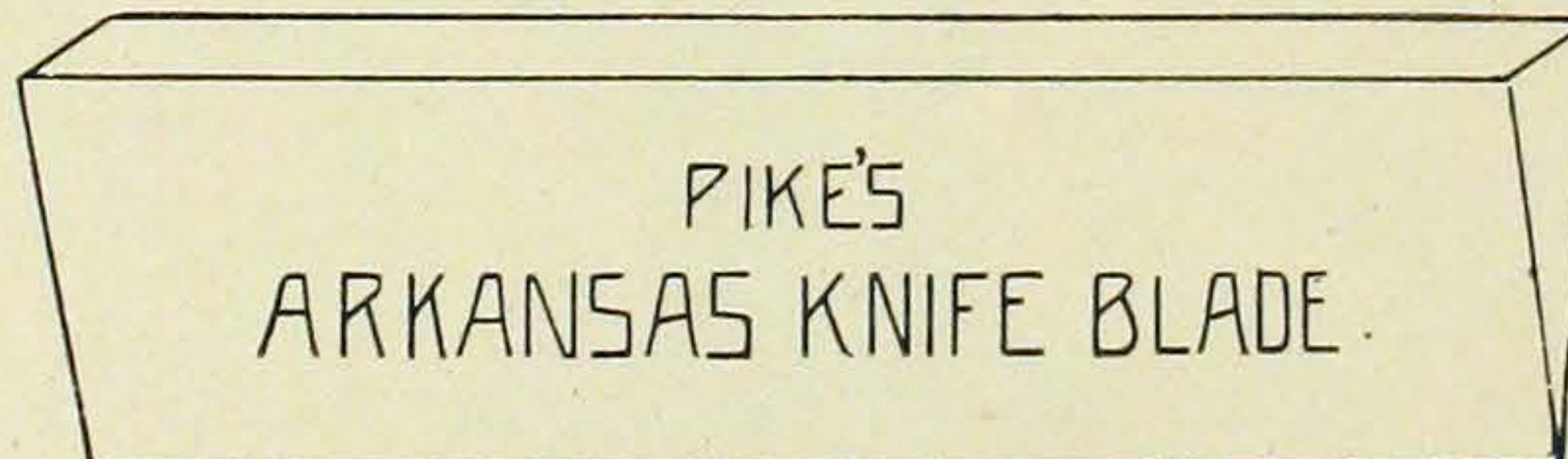


Pen Knife Pieces.

No. 1, 2½ to 4½ x 1 to 1½ x 5 to 5,	per lb.,	\$4.00
No. 2, assorted,	"	2.00

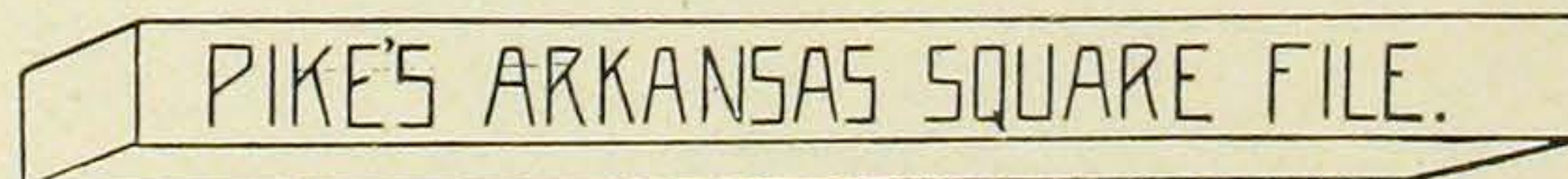
Packed in 5 lb. slide cover boxes.

N. B.—Our No. 2 Arkansas has some mark, seam or discoloration that disqualifies it for the No. 1 quality but always has one side or more that is good and serviceable.



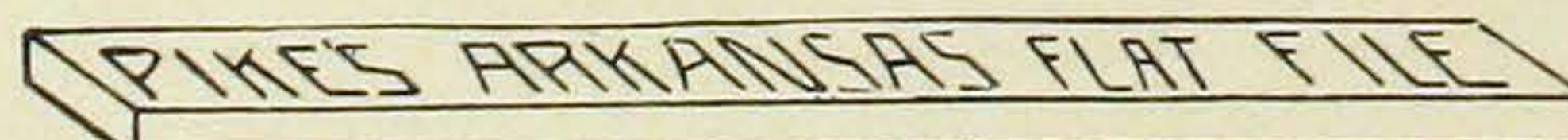
Arkansas Knife Blade.

3 to 4½ x 5 to 1 x 5 to 1 back, sharp edge,	per dozen,	\$5.00
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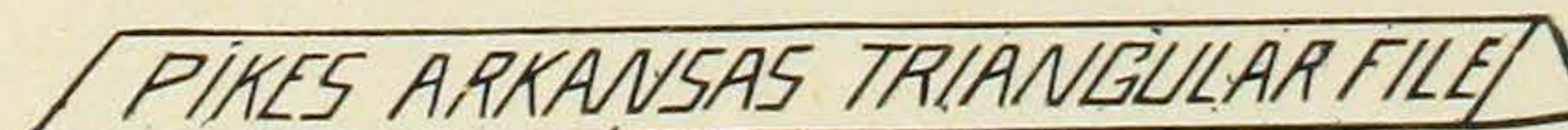
Arkansas Square File.

1 to 3 in. square, 45 inches to the doz.,	per dozen,	\$4.00
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Arkansas Flat File.

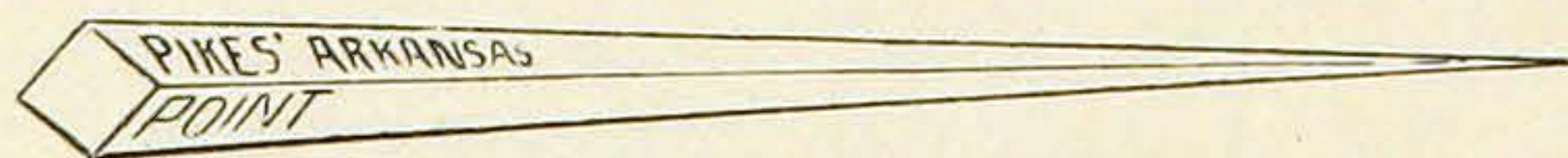
3 x 5 about, 45 inches to the doz.,	per dozen,	\$4.00
Beveled File, 45 " " "	"	4.50



Arkansas Triangular File.

3½ to 5 in. long x 1 to 3, face assorted,	per dozen,	\$5.00
Diamond Files, 3½ to 5 in. long x 1 to 3, face assorted,	"	5.00

ARKANSAS OIL STONES.

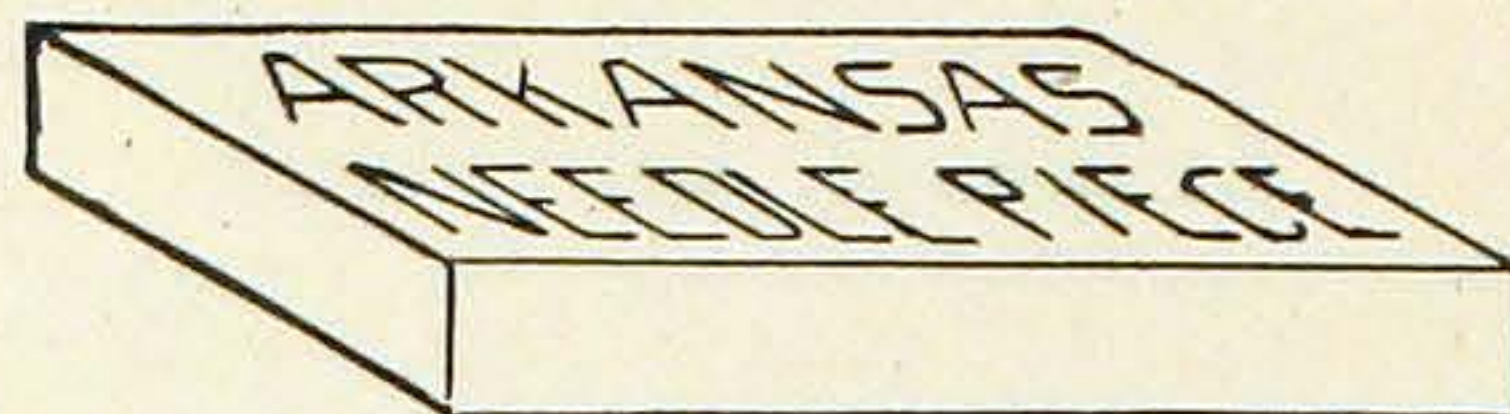


Points.

3½ to 5 in. long,

per dozen, \$4.00

Packed in 1 dozen strong paper boxes.



Needle Pieces.

Needle pieces, 1 to 2 x ½ to 1 x ⅛ to ¼,

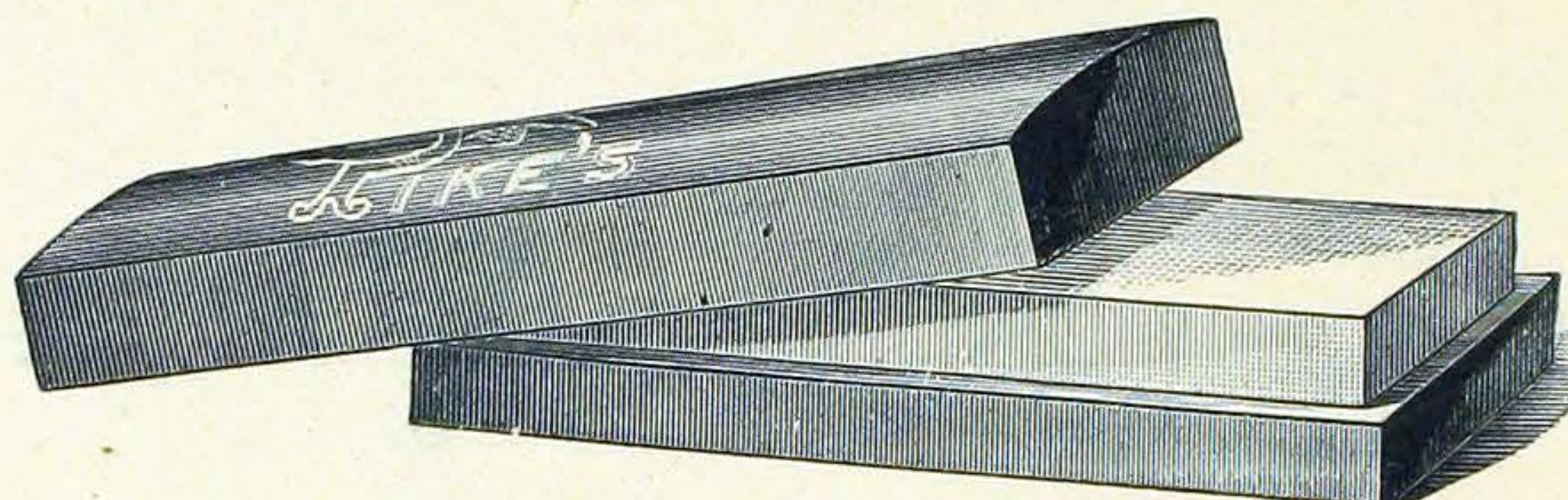
per hundred, \$16.00

Arkansas Mounted.

In polished mahogany or cherry boxes.

8 x 2,
7 x 2,
6 x 2,
5 x 2,
4 x 1½,
3½ x 1,
4 x 1 on mahogany handles,

per dozen, \$40.00
" 36.00
" 30.00
" 22.00
" 13.00
" 8.00
" 7.00



Arkansas Rubber Mounted.

3½ inches,

per dozen, \$10.00

A little beauty; just the thing for the desk, or for the table of a dentist, surgeon or jeweller.



Arkansas Oil Stone Powder.

Powder in 2 oz. bottles,
" " barrels,

per dozen, \$1.50
per pound, .20

Wheels.

Wheels, 1¼ to 5 in. dia. ¼ to ⅝ thick, ¼ to ½ hole,

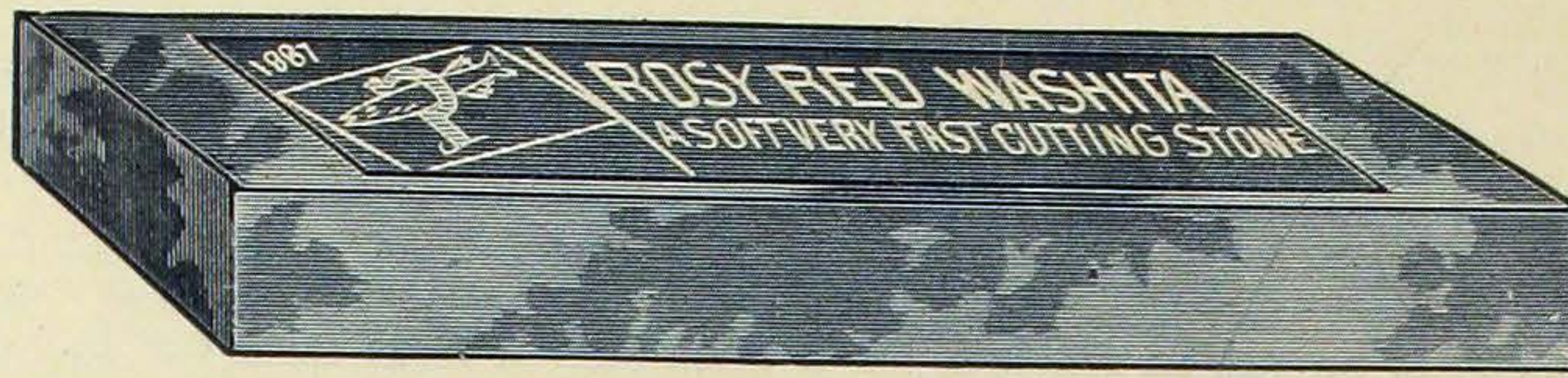
per inch, \$2.20

Carving Tool Slips.

Per set of 4 pieces,

\$1.00

WASHITA OIL STONES.



Rosy Red Washita

From the old "Rosy Red Quarry," and is the most satisfactory oil stone for general use. It is more or less tinted with a pinkish orange, or dull red color, and is of an even, porous grit. When properly used we guarantee that it will neither glaze nor harden. Sperm oil is best to use, as kerosene or petroleum will harden and often spoil a good stone.

Rosy Red,

per lb. 60c.



Lily White Washita

A very white stone, carefully selected, of fine, even grit and perfect finish. We guarantee that it is equal, if not superior, to any other brand of white Washita on the market.

Extra Lily White,

Extra Washita, green paper wrapper,

" " blue " "

No. 1, Washita,

No. 2, " "

per lb. 60c.

" 50c.

" 40c.

" 36c.

" 20c.

Packed in 14, 25 or 40 lb. boxes; 100 or 112 lbs. to a case. Furnished in five assortments, as follows:

"G" 4 to 8 x 2 x $\frac{3}{4}$ to $1\frac{1}{8}$.

"H" 6 to 8 x 2 x $\frac{3}{4}$ to $1\frac{1}{8}$.

"K" 8 x 2 x $\frac{3}{4}$ to $1\frac{1}{8}$.

"L" 9 x 2 to $2\frac{1}{2}$ x $\frac{3}{4}$ to $1\frac{1}{2}$.

"M" 8 x 2 x $1\frac{1}{8}$.

Washita Flat Files 4 to 6 x $\frac{1}{4}$ x $\frac{1}{2}$,

" Square " 4 to 6 x $\frac{1}{2}$ x $\frac{1}{2}$,

per dozen, \$2.00

" 2.00

Other Washita Files to order.



Washita Slips.

Rosy Red, 3 to 5 x $1\frac{1}{2}$ to 2 x $\frac{3}{8}$ to $\frac{3}{4}$ at back x $\frac{1}{4}$ to $\frac{1}{2}$ at edge,

Lily White, " " " " " "

Extra, " " " " " "

No. 1, " " " " " "

No. 2, " " " " " "

per lb., \$.90

" .90

" .80

" .60

" .40

Special sizes extra price.

Plain Slips, 3 to 5 x $1\frac{3}{4}$ to 2 x $\frac{3}{8}$ to $\frac{5}{8}$,

Pen Knife Pieces, 3 to 5 x 1 to $1\frac{1}{4}$ x $\frac{1}{4}$ to $\frac{5}{8}$,

per lb., \$.60

" .70

Packed in 5 or 10 lb. slide cover boxes.

Wheels, $1\frac{1}{2}$ to 5 dia. x $\frac{1}{2}$ to $\frac{3}{4}$ inches thick,

Needle Pieces, 1 to 2 x $\frac{3}{4}$ to 1 x $\frac{1}{8}$ to $\frac{5}{8}$, 100 in box.

Shoemakers' High Round, 6 to 8 x $1\frac{3}{4}$ to 2 x $\frac{3}{4}$ to $1\frac{1}{8}$,

Shoemakers' Half Round,

per in., \$.80

per 100, \$ 8.00

per lb., .50

" .70



Washita Oil Stone Mounted.

In Mahogany or Polished Cherry Boxes.

per doz., \$12.00

" 11.00

" 10.00

" 9.00

" 6.50

" 5.50

In Handsome Vulcanized Rubber Boxes.

per doz., 7.00

8 x 2,

7 x 2,

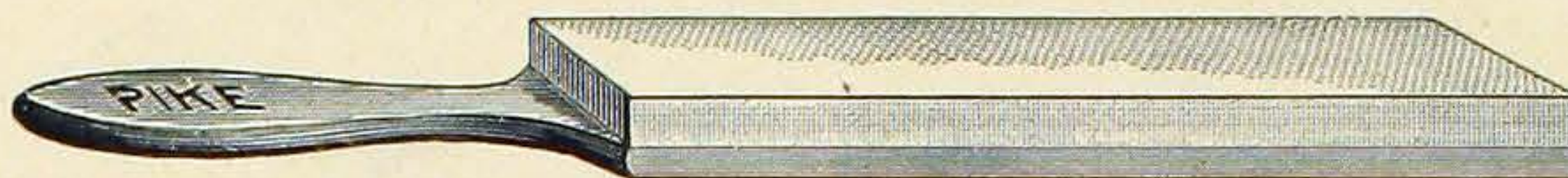
6 x 2,

5 x 2,

4 x $1\frac{1}{2}$,

$3\frac{1}{2}$ x 1,

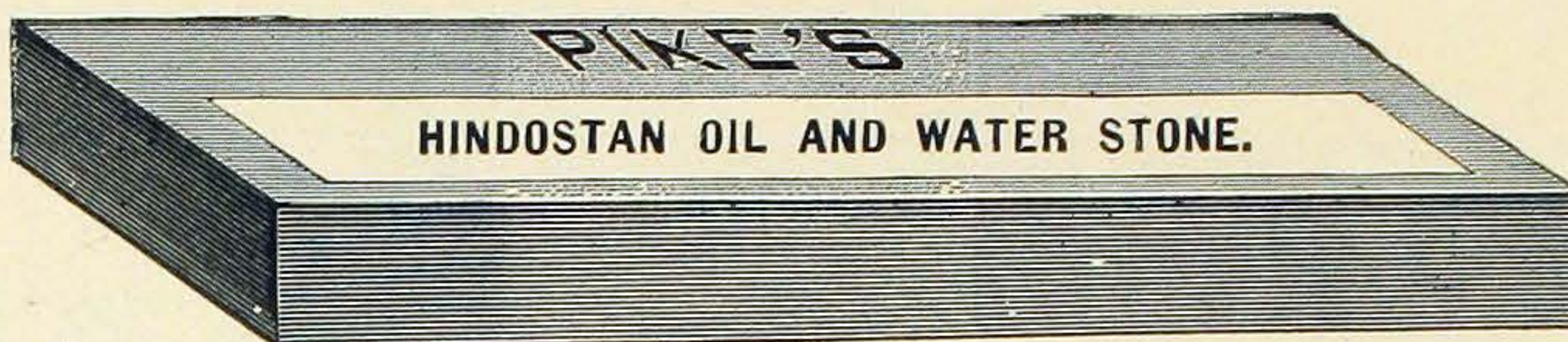
$3\frac{1}{2}$ x 1,

WASHITA OIL STONES.

On Mahogany Handles.

 $4\frac{1}{2} \times 1$,

Special sizes not quoted in list can be supplied, but it takes time to make them and we must charge for the extra expense. per doz., \$4.00

WATER AND OIL STONES.**Hindostan Water and Oil Stone.**

The Hindostan is a medium fine gritted, quick cutting stone, but is much softer than the others mentioned, and wears away faster. It is sold at such an extremely low price that it is impossible to select or finish it as carefully as the others.

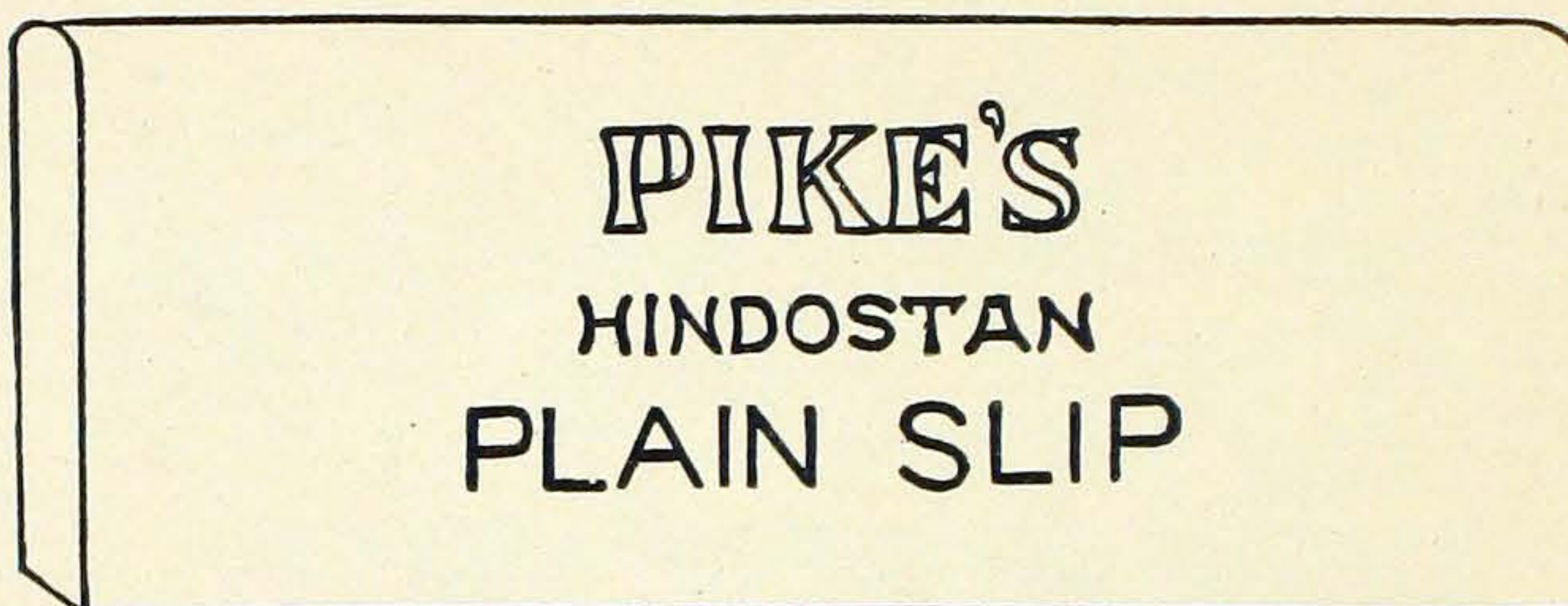
No. 1, regular, 8×2 to $2\frac{1}{2} \times \frac{3}{4}$ to $1\frac{1}{2}$,No. 1, small, $8 \times 2 \times \frac{1}{2}$ to 1,Washita finish, 8×2 to $2\frac{1}{4} \times \frac{3}{4}$ to $1\frac{1}{4}$,

per lb., \$0.06

" .08

" .09

Packed about 100 lbs. in a case.

Beveled Slips, $6 \times 1\frac{1}{2}$ to $2 \times \frac{1}{2}$ to $\frac{3}{4}$ back $\times \frac{1}{3}$ to $\frac{1}{4}$ edge,Plain Slips, $6 \times \frac{3}{8}$ to $\frac{5}{8} \times 1\frac{3}{4}$ to 2,Knife Stone, $3\frac{1}{2} \times 1\frac{1}{4} \times \frac{1}{4}$ to $\frac{1}{2}$,

Wheels,

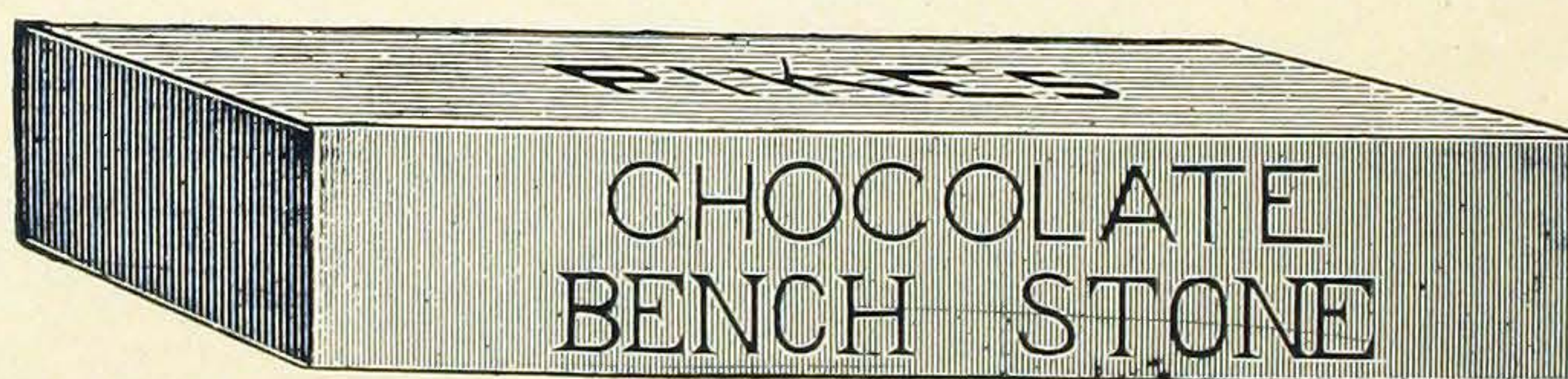
per lb., \$0.16

" .10

" .30

per inch, .40

Slips about 50 lbs. in a box.

**Chocolate Oil and Water Stone.**

The Chocolate is a very compact, fine gritted stone of a chocolate grey color. Its sharpening properties, as in the "Washita," are in the small crystals of garnet or rutile which are found in the structure, and for general use it is the best whet stone quarried. The grit is of such a nature that it will sharpen much quicker than either Washita or Arkansas, and at the same time will leave nearly as fine an edge. It can be used dry or with oil or water, with equally satisfactory results,—a decided advantage over the other oil stones.

Chocolate Bench Stone.No. 1, 5 to $8 \times 1\frac{1}{2}$ to $2\frac{1}{2} \times \frac{3}{4}$ to $1\frac{1}{4}$,No. 2, 5 to $8 \times 1\frac{1}{2}$ to $2\frac{1}{2} \times \frac{3}{4}$ to $1\frac{1}{4}$,

per lb., \$0.50

" .30

Packed 25 lbs. in a box, 4 boxes in a case.

Chocolate Round Edge Slips.No. 1, $3\frac{1}{2}$ to $6 \times 1\frac{3}{4}$ to $2 \times \frac{3}{8}$ to $\frac{1}{2} \times \frac{1}{8}$ to $\frac{1}{4}$,No. 2, $3\frac{1}{2}$ to $6 \times 1\frac{3}{4}$ to $2 \times \frac{3}{8}$ to $\frac{1}{2} \times \frac{1}{8}$ to $\frac{1}{4}$,

per lb., \$0.60

" .30

Pen knife Pieces 3 to $4 \times \frac{7}{8}$ to $1\frac{1}{4} \times \frac{3}{8}$ to $\frac{1}{2}$,

Packed in 5 lb. boxes.

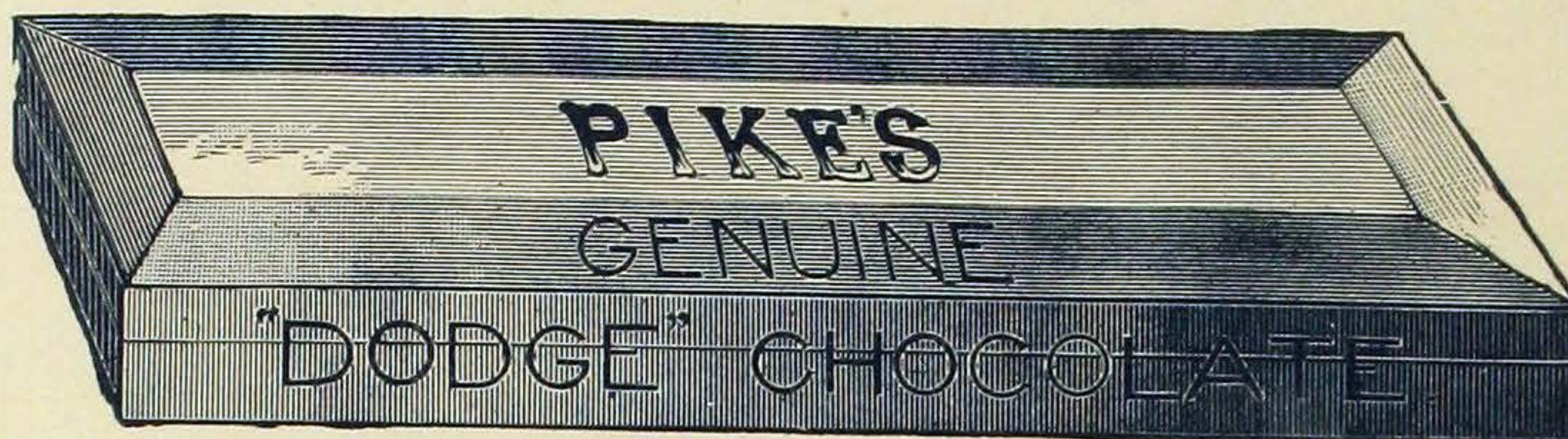
per lb., \$0.40.

WATER AND OIL STONES.



Chocolate Shoe Stone No. 1, 6 to 8 x 1 to $1\frac{1}{4}$ x $\frac{3}{8}$ to $\frac{1}{2}$
 No. 1, Fisherman Knife Stone, 10 x $1\frac{1}{4}$ x $\frac{1}{2}$ to $\frac{3}{4}$
 No. 2, " " " 10 x $1\frac{1}{4}$ x $\frac{1}{2}$ to $\frac{3}{4}$
 Chocolate Half Round 6 to 8 x $\frac{5}{8}$ to $1\frac{1}{4}$
 " High " 6 to 8 x $\frac{3}{4}$ to $1\frac{1}{4}$ x $1\frac{3}{4}$ to 2

per lb. \$.30
 " .32
 " .20
 " .70
 " .50



Chocolate Mounted in Cherry Boxes.

7 inches,
 5 "

per dozen, \$8.00
 " 6.00

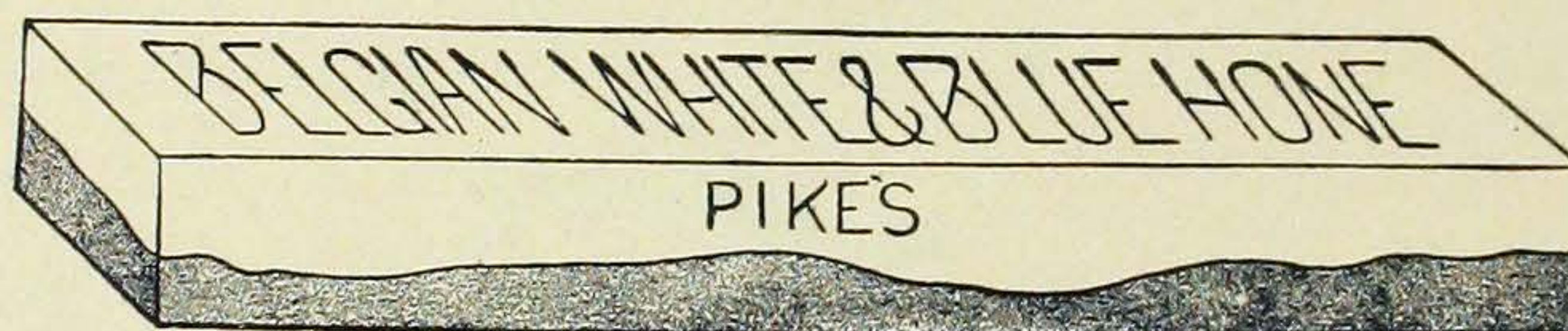
Turkey Oil Stone.

Extra 5 to 8 x $1\frac{1}{2}$ to 2 x $\frac{3}{4}$ to $1\frac{1}{4}$
 No. 1, assorted, from 4 to 8 inches,
 No. 2, assorted,
 Round Edge Slips,

per lb., \$1.20
 " .80
 " .40
 " 2.00

Stone packed in 14 and 25 lb. boxes. Slips packed in 5 and 10 lb. boxes.

RAZOR HONES.



Belgian Hones.

5 in. Common,
 6 " "
 7 " "
 5 " Fine,
 6 " "
 7 " "
 8 " "
 4 " Superfine,
 5 " "
 6 " "
 7 " "
 8 " "
 9 " "
 10 " "
 7 $\frac{1}{2}$ " Old Rock,
 8 $\frac{1}{2}$ " "

per doz., \$2.00
 " 3.00
 " 4.00
 " 3.00
 " 5.00
 " 9.00
 " 16.00
 " 3.00
 " 5.00
 " 8.00
 " 13.00
 " 24.00
 " 40.00
 " 50.00
 " 24.00
 " 36.00

Packed in $\frac{1}{2}$ and 1 dozen slide cover boxes. Extra Selected Hones 25 per cent. additional.



German Water Hones.

6 in. with rubber,
 7 " "
 8 " "
 9 " "
 10 " "

per dozen, \$4.00
 " 6.00
 " 8.00
 " 10.00
 " 12.00



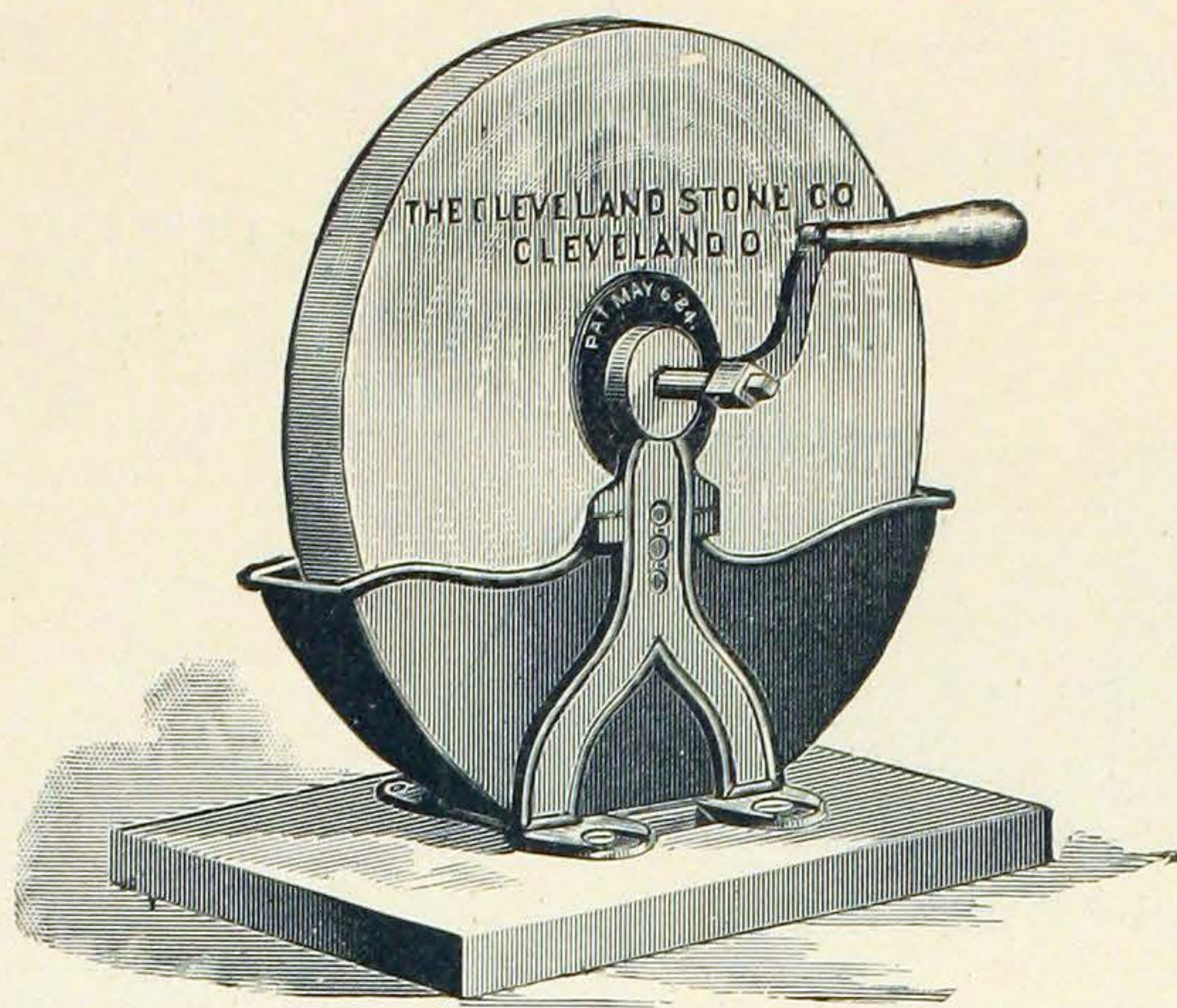
Razor Strop Pattern.

6 in.

per dozen, \$4.50

Packed 1 dozen in slide cover boxes. These hones are used with water only.

GRINDSTONES.



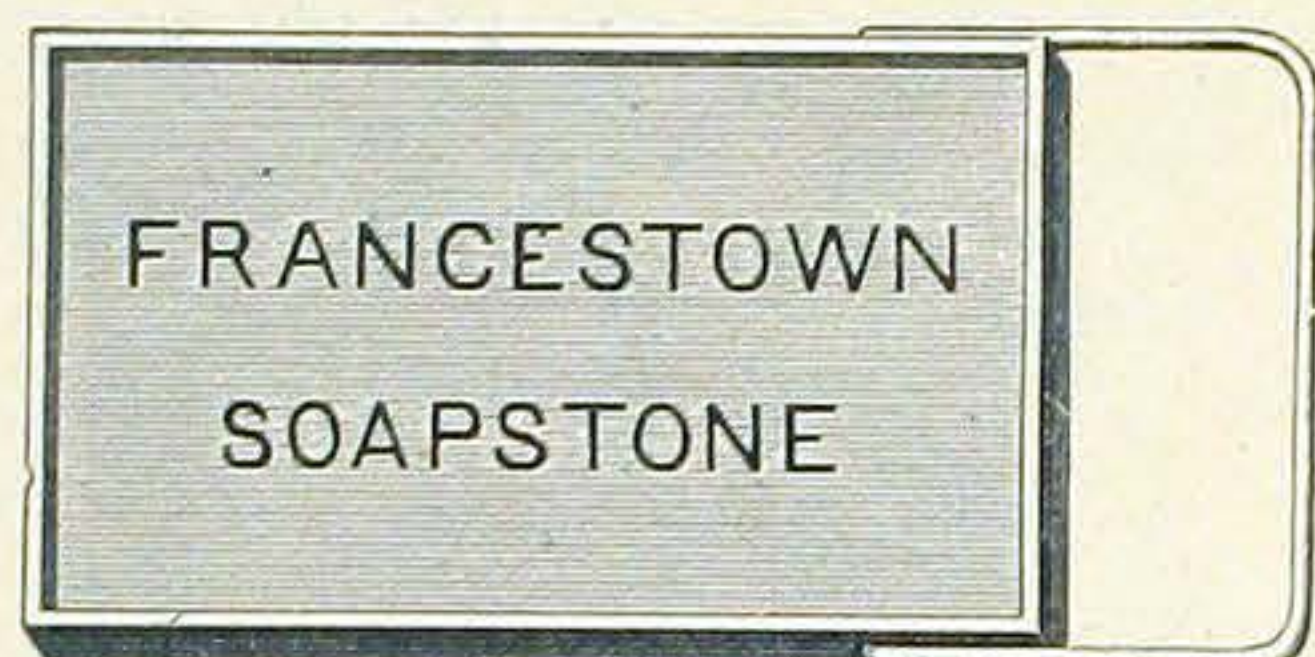
Improved Family Grindstones.

The stone is turned perfectly true on the shaft, and mounted in such a manner as to enable the operator, whether mechanic or not, to perform accurate work easily and safely.

6 in.	per doz.	\$15 00
7 "	"	17 50
8 "	"	20 00
9 "	"	22 50
10 "	"	25 00
11 "	"	27 50
12 "	"	30 00

Japanned Black, packed $\frac{1}{2}$ dozen in a box.

SOAPSTONE.



SOAPSTONE FOOT WARMER.

Foot Warmers.

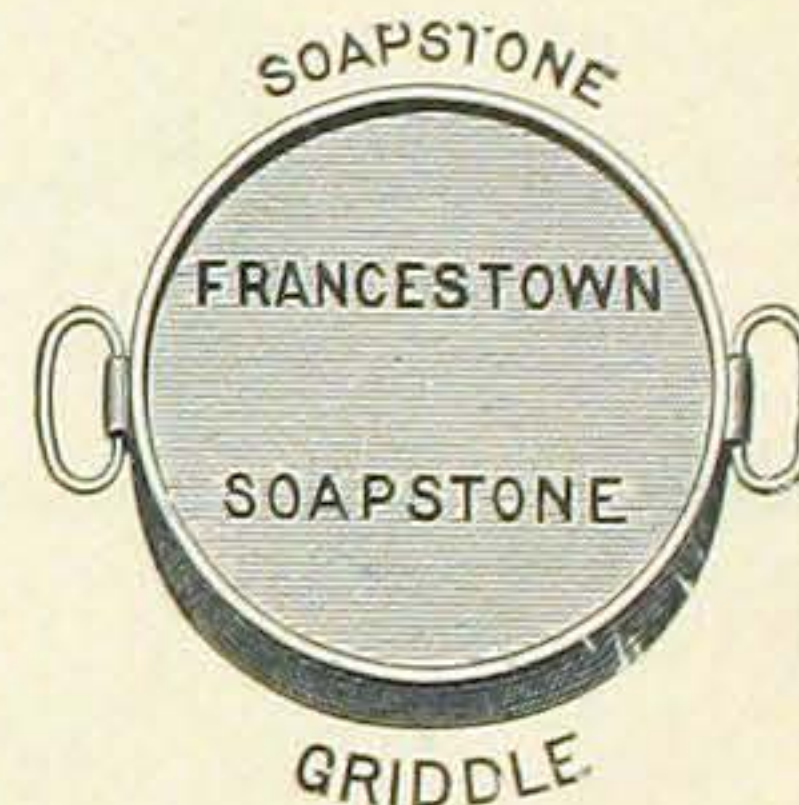
4 x 6,	per doz.,	\$2 50	8 x 10,	per doz.,	\$5 00
5 x 7,	"	3 12	8 x 12,	"	5 62
6 x 8,	"	3 75	10 x 12,	"	6 25
7 x 9,	"	4 37	12 x 15,	"	7 50
7 x 10,	"	4 75	Hand Stones,	"	1 25

Bailed and finished in first-class shape.

Soapstone Griddles.



OVAL.



ROUND.

8 x 16,	per doz.	\$13 00	10 in. diameter,	per doz.	\$ 8 75
9 x 18,	"	15 00	12 "	"	12 50
10 x 20,	"	18 75	14 "	"	16 25
11 x 22,	"	22 50	16 "	"	18 75
12 x 24,	"	25 00			

All Griddles hooped with galvanized iron.

Oil Stone Holder.

A neat device for holding whet stone on a bench.

By loosening the thumb-nuts slightly, the stone may be turned so as to bring either of its sides to the top; and these may be shaped differently, if desired, for all kinds of tools.

They are made to take stones nine inches long by three inches broad, but by cutting off the rod B can be made to take any smaller size.

Packed in boxes of one dozen, per doz. \$4.00.

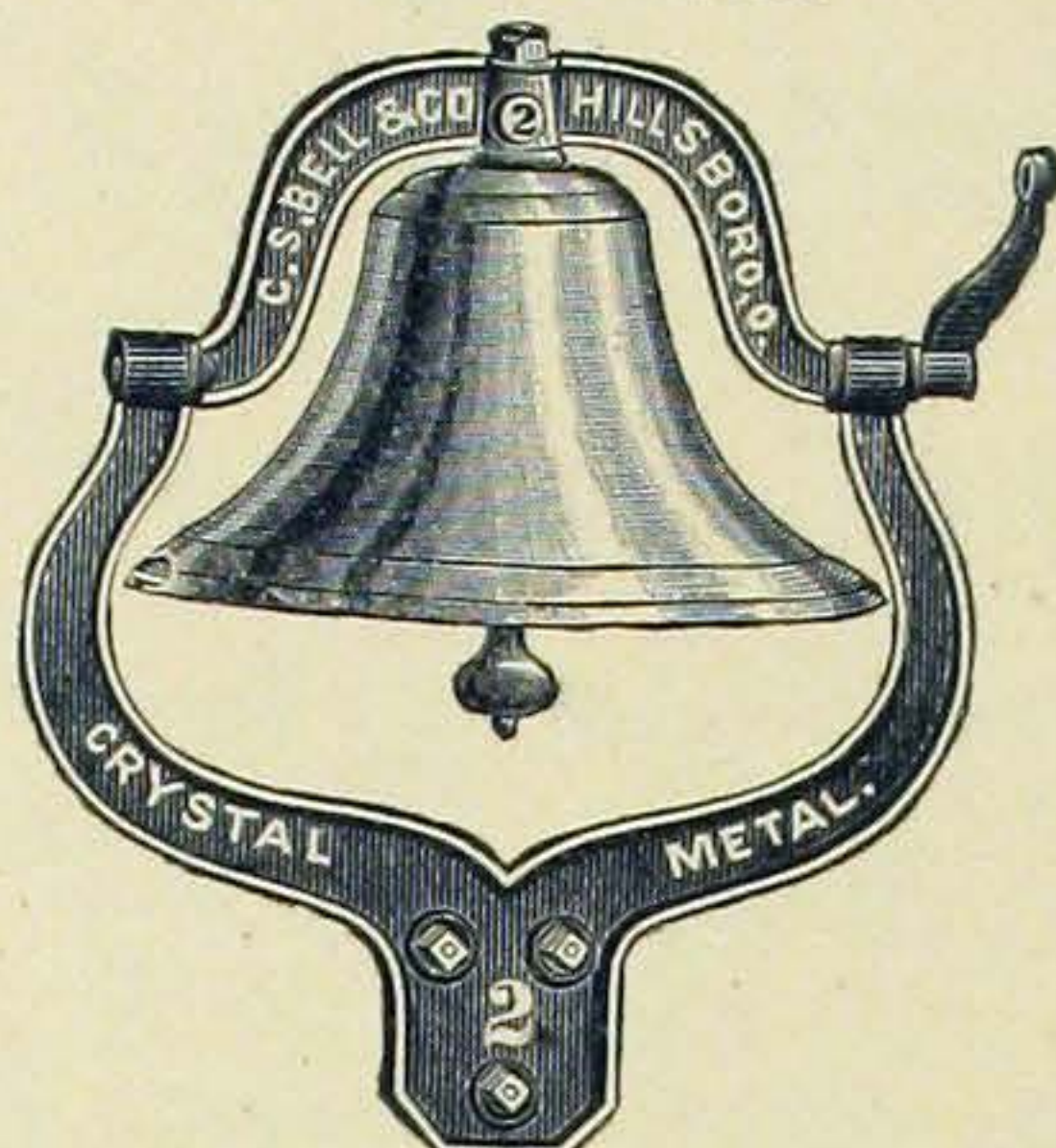


Sandstone.

Small, 1 lb. pieces, 8 x 1 $\frac{1}{2}$ x 1 $\frac{1}{2}$,	per lb.	5c.	Small table, 4 lb. pieces, 9 x 2 x 2 $\frac{1}{2}$,	per lb.	6c.
Medium, 1 $\frac{1}{2}$ lb. pieces, 8 x 1 $\frac{1}{2}$ x 2,	"	5c.	Large " 8 lb. " 10 x 2 x 4,	"	6c.
Large, 2 lb. pieces, 8 x 2 x 2 $\frac{1}{2}$,	"	5c.	Extra selected all white, above sizes,	"	8c.

The above Sandstone is from Indiana; is soft and free cutting.

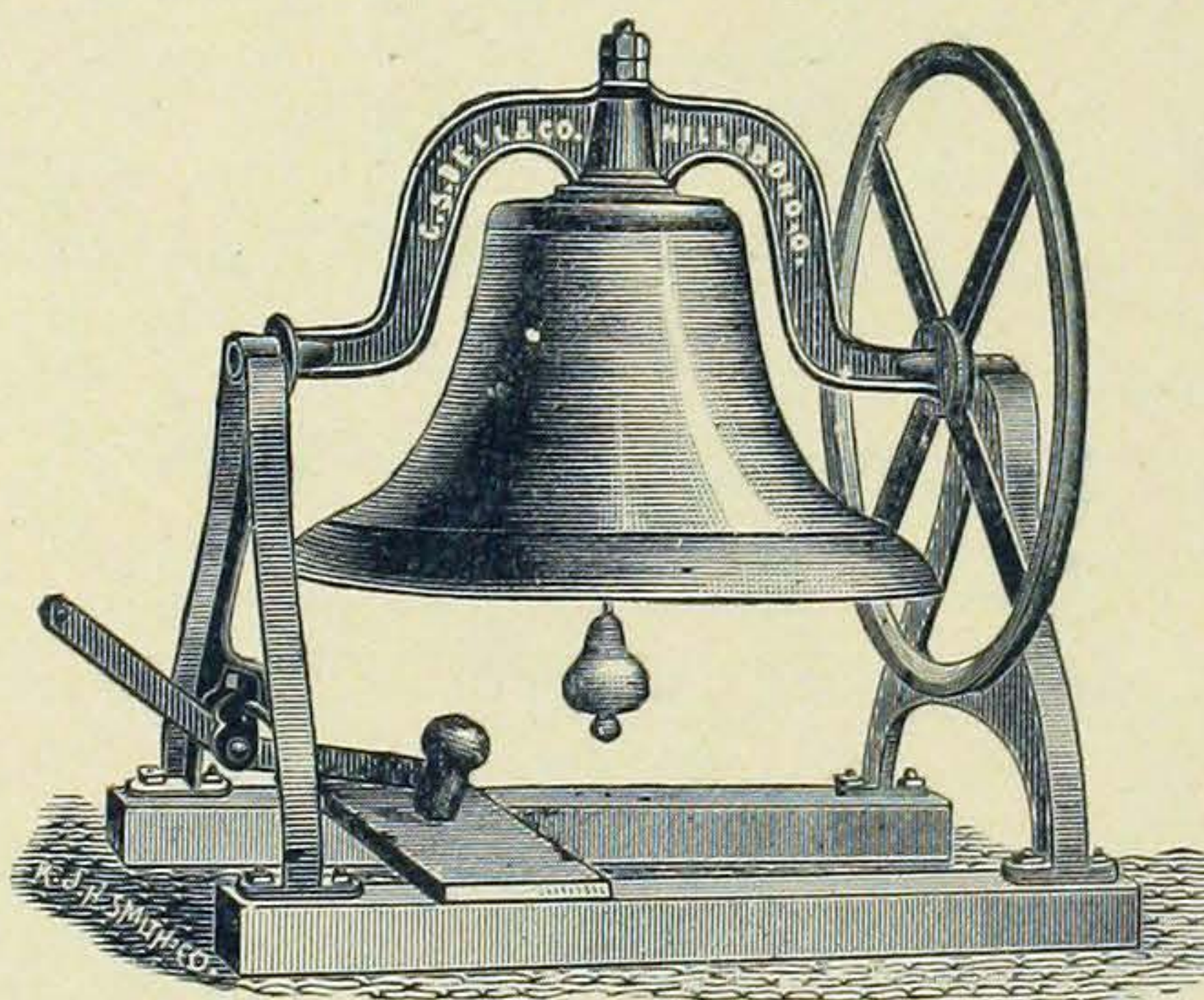
AGENTS FOR
C. S. BELL & CO.,
 Manufacturers of Farm, School and Church Bells.
 Farm Bells.



All our Bells are covered with a Rich Gold Bronze, and the hangings with an Indestructible Varnish.

LIST No.	DIAMETER.	COMPLETE	PRICE BRONZED.
1	15 inch	40 lbs.	\$4 00
2	17 inch	50 lbs.	5 00
3	19 inch	75 lbs.	7 50
4	21 inch	100 lbs.	10 00

Especial attention is called to the fact that our numbers represent larger Bells than do the numbers of any other manufacturers.



BELLS ARE NUMBERED BY THE DIAMETER IN INCHES.

NUMBER.	WT. BELL ONLY.	WT. BELL AND MOUNTINGS.	PRICE.	NUMBER.	WT. BELL ONLY.	WT. BELL AND MOUNTINGS.	PRICE.
School Bells. { 20	105 lbs.	150 lbs.	\$16 00	Church Bells. { 30	335 lbs.	550 lbs.	\$65 00
22	125 "	175 "	20 00	32	380 "	600 "	75 00
24	155 "	225 "	25 00	34	465 "	725 "	90 00
26	220 "	325 "	40 00	36	570 "	850 "	110 00
28	255 "	425 "	50 00	40	780 "	1,200 "	150 00
...	.....	.....	.....	44	1,100 "	1,600 "	200 00
...	.....	.....	.....	54	2,100 "	3,000 "	375 00

The weights and prices above named are for complete Bells, and include wood sills, iron wheel, and, for Nos. 30, 32, 34, 36, 40, 44 and 54, tolling hammer without extra charge. Tolling hammers for Nos. 24, 26 and 28, when so ordered, \$5 each extra.

ALL SIZES EXCEPT Nos. 20 AND 22 HAVE SPRINGS.

PRICE LIST OF REPAIRS.

NAMES OF PARTS.	FARM BELLS.				SCHOOL BELLS.					CHURCH BELLS.					
	1	2	3	4	4 1/2 20	22	5 24	6 26	28	30	7 32	34	8 36	40	44
Bell (only)	A \$ 80	1 00	1 50	2 15	7 35	8 00	10 00	14 65	17 35	22 35	25 65	30 65	38 65	53 00	75 00
Yoke.....	B 25	35	45	75	1 00	1 35	1 65	2 40	2 65	3 35	4 00	4 65	5 00	7 35	8 50
Upright (each piece)	C 35	45	60	35	75	75	80	1 15	1 65	1 75	2 35	2 65	3 35	4 65	5 75
Clapper.....	D 10	10	15	20	25	35	40	55	75	80	95	1 05	1 20	1 65	2 00
Clapper Bolt.....	E 10	10	10	15	15	20	25	35	35	40	40	55	75	1 00	2 25
Crank.....	K 10	10	10	15											
Wheel....	F				85	1 00	1 05	1 35	1 75	2 35	2 65	3 00	3 35	7 00	8 00
Spring.....	J						75	80	95	1 35	1 65	2 00	2 35	3 35	4 00
Wood Frame.....	I				75	80	1 00	1 00	1 65	2 00	2 35	2 65	3 00	3 35	4 00
Tolling Hammer.....	G						1 25	1 25	1 25	1 35	1 65	2 00	2 35	3 35	4 00
Tolling Hammer Holder.....	H						25	25	25	35	35	40	50	75	1 00

In ordering Yokes or Uprights be particular to give dimensions between bearings. If cranks are wanted, state whether with round or square holes.

AGENTS FOR

DERBY & BALL,

MANUFACTURERS OF THE

CELEBRATED PATENT SWING SOCKET SNATHS

AND

FROST'S PATENT LOOP SCYTHE SNATHS,

With Patent Socket and Nib Fastening.

PRICE LIST OF SCYTHE SNATHS.

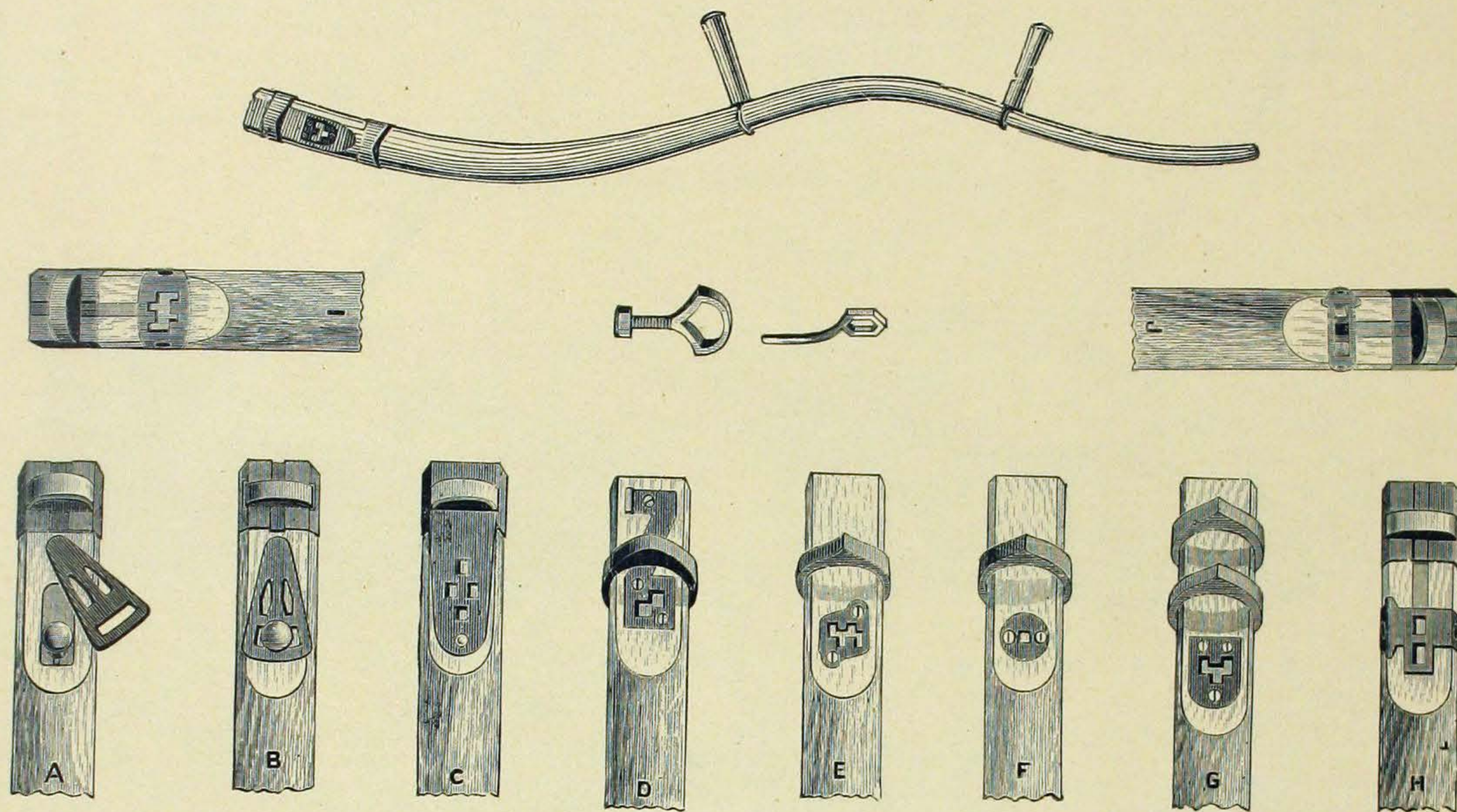
SEPTEMBER, 1890.

										Per doz.
B A	{	000.	Patent Swing Socket, Loop Snaths, Brass Trimmed, Screw Nib, heavy,	.	.	.	.	.	.	\$10.00
		000.	" " " " " " " " " medium,	.	.	.	.	.	.	10.00
		00.	" " " " " " " " " Iron " " "	.	.	.	.	.	.	9.50
		00.	" " " " " " " " " " heavy,	.	.	.	.	.	.	9.50
C	{	50.	Loop Snaths, Brass Trimmed, Screw Nib, Solid Plate Socket,	.	.	.	.	.	.	10.00
		150.	" " " " " " " " " " "	.	.	.	.	.	.	9.50
D	{	0.	Ring Snaths, Z Plate, Brass Trimmed, Screw Nib, heavy,	.	.	.	.	.	.	9.00
		02.	" " " " " " " " " " "	.	.	.	.	.	.	8.25
E	{	1.	Ring Snaths, Patent Socket, Screw Nib, Brass Trimmed, heavy,	.	.	.	.	.	.	8.50
		1.	" " " " " " " " " " medium,	.	.	.	.	.	.	8.50
		2.	" " " " " " " " " " Iron " "	.	.	.	.	.	.	7.50
		2.	" " " " " " " " " " " heavy,	.	.	.	.	.	.	7.50
F	{	3.	" " One Hole Socket, " " " "	.	.	.	.	.	.	6.50
G	{		Double Ring, BUSH Snaths, Patent Socket, Screw Nib, Iron Trimmed,	.	.	.	.	.	.	10.00
H	{		Patent Loop, BUSH Snaths, Screw Nib, Iron Trimmed,	.	.	.	.	.	.	11.00
I	{	20.	Loop Snaths, Brass Trimmed, Screw Nib, with Frost's Patent Socket,	.	.	.	.	.	.	10.00
		120.	" " " " " " " " " " " " "	.	.	.	.	.	.	9.50
J	{	10.	Loop Snaths, Brass Trimmed, Screw Nib, Slide Socket,	.	.	.	.	.	.	10.00
		102.	" " " " " " " " " " " " "	.	.	.	.	.	.	9.50
		1.	Ring Snaths, Solid Plate, Heavy, Screw Nib,	.	.	.	.	.	.	9.00

Dutch, Mulay and Jersey Bend Snaths, List Price, \$1.00 per dozen extra.

CHERRY AND IRON SNATHS.

B	{	98.	Wrought Iron Tube, with Drive Ring fastening,	.	.	.	.	.	net, 10.50
		99.	" " " " Loop fastening,	.	.	.	.	.	" 10.50
		100.	" " " " Clamp and Set Screw fastening,	.	.	.	.	.	" 10.50
		000.	Cherry Snaths,	.	.	.	.	.	" 7.50
		00.	" " " " " " " " " " " "	.	.	.	.	.	" 7.25



The above is designed to show the several Styles of Fastening.

Figure A represents Patent Swing Socket turned out.

Figure B represents Patent Swing Socket in place.

Figure C represents Loop Fastening, with Solid Ring and Plate Socket.

Figure D represents Z Plate, Ring Fastening.

Figure E represents the head and fastening of the Ring Snath, with the Patent Socket Fastening.

Figure F represents No. 3 Ring Snath.

Figure G represents the Double Ring Bush Snath, with Patent Socket.

Figure H represents the Loop Bush Snath, with Loop Fastening and Socket.

Figure I represents Loop Fastening, with Frost's Patent Socket.

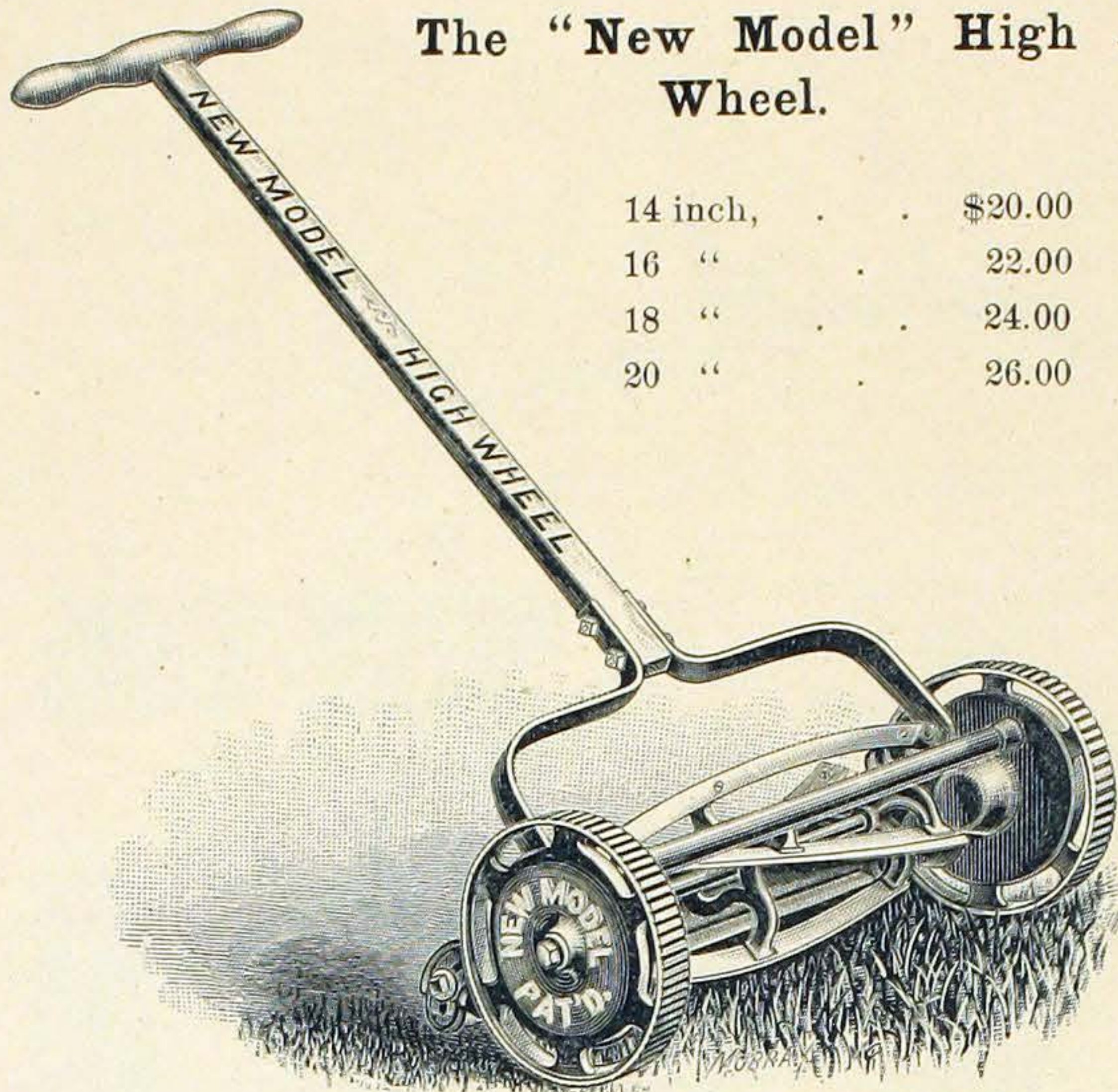
Figure J represents Loop Fastening, with Slide Socket.

Loop Fastening, with Solid Plate Socket (C); Frost's Loop Fastening, with Patent Socket (I), and Slide Socket (J), made only to order.

The above cut shows the Patent Loop detached, with Nut on, and Wrench adapted to it.

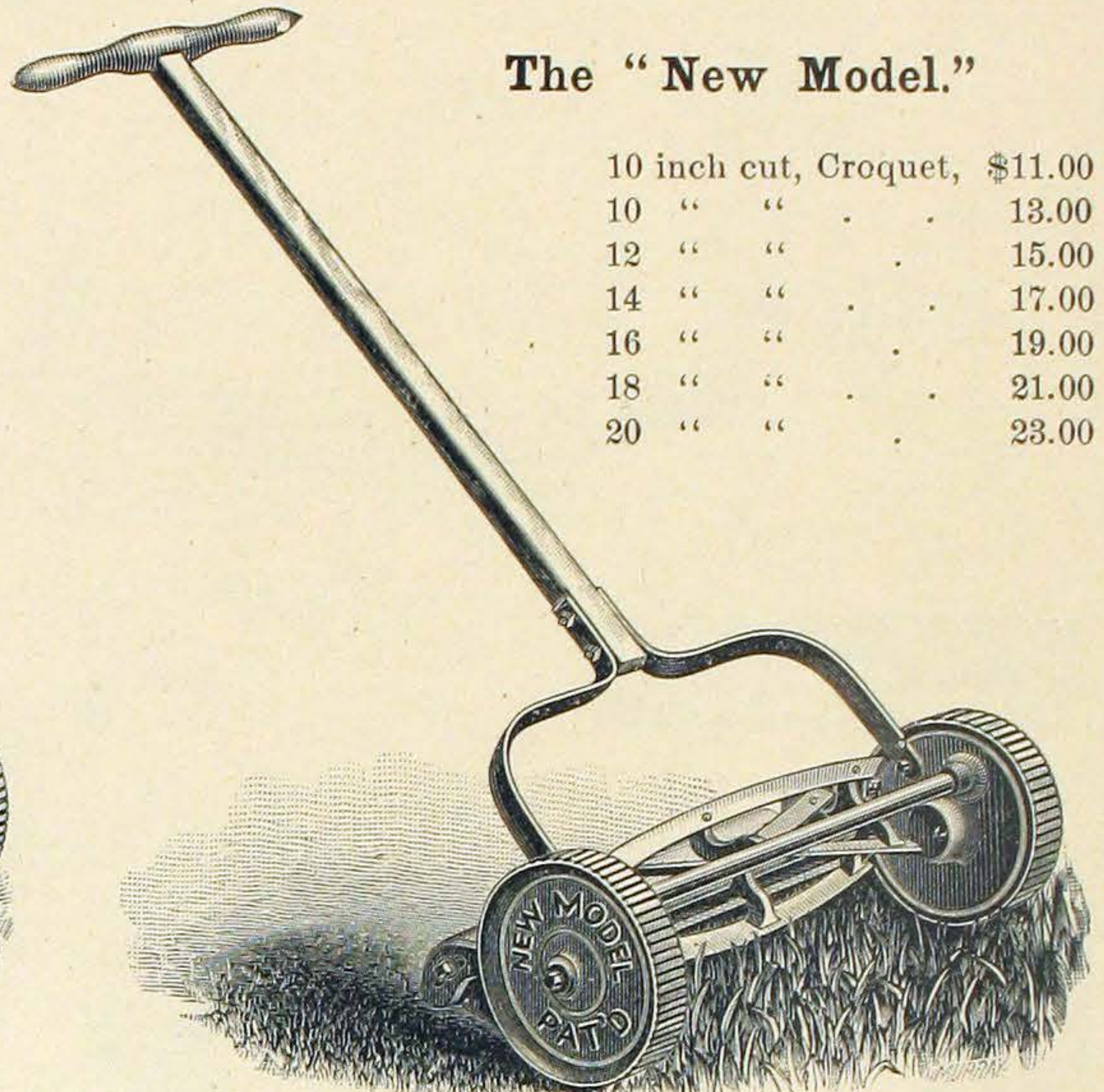
By the use of the Patent Loop and Patent Swing Socket Fastening, the Scythe may be set in any position or angle without bending the shank or twisting the edge.

LAWN MOWERS.



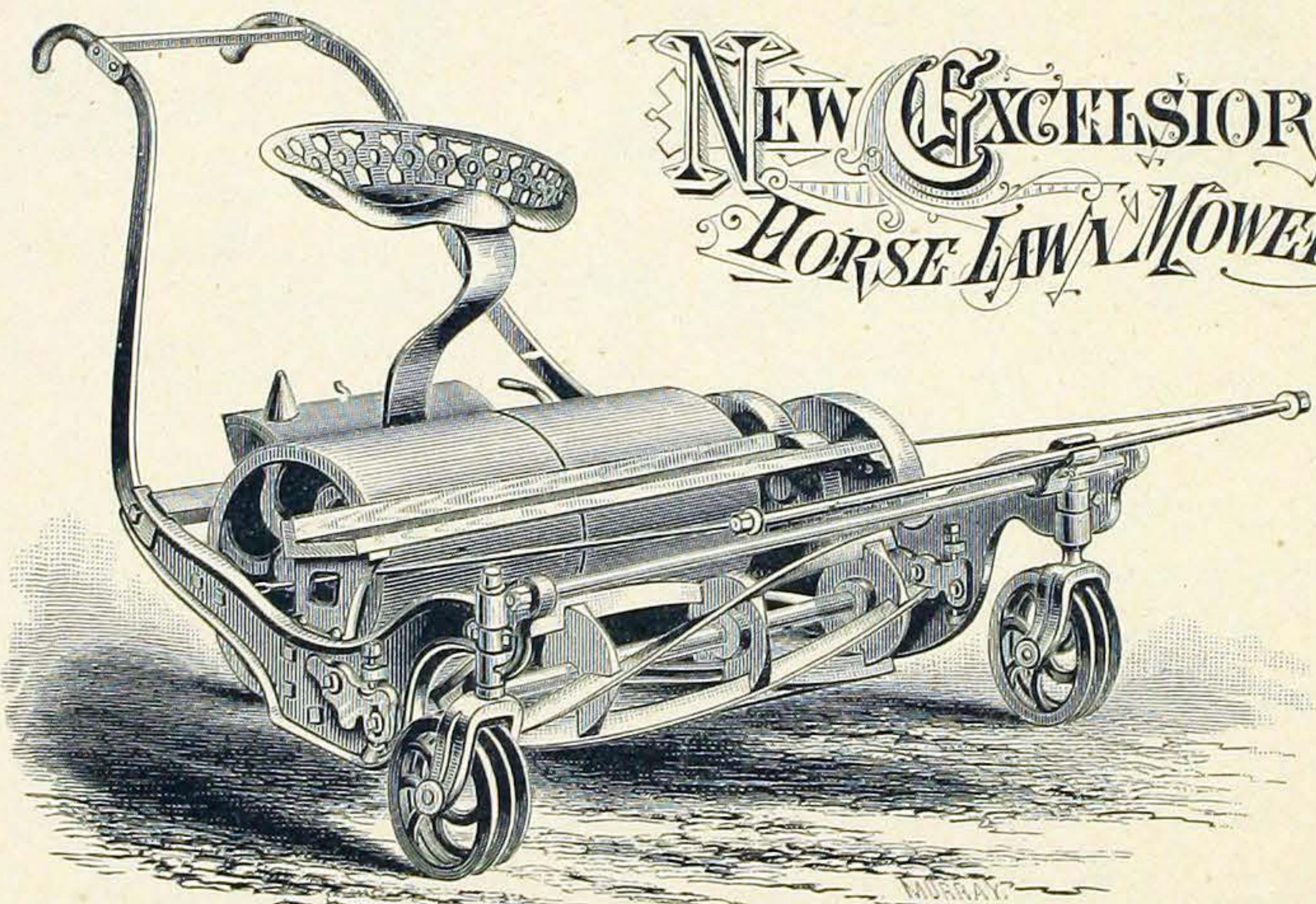
The "New Model" High Wheel.

14 inch,	\$20.00
16 "	22.00
18 "	24.00
20 "	26.00



The "New Model."

10 inch cut, Croquet,	\$11.00
10 " " "	13.00
12 " " "	15.00
14 " " "	17.00
16 " " "	19.00
18 " " "	21.00
20 " " "	23.00

NEW EXCELSIOR
HORSE LAWN MOWER

Horse Mowers.

	EACH.
25 inch cut, without shafts or seat,	\$65.00
30 " " with shafts and seat,	110.00
35 " " " " " "	135.00
40 " " " " " "	170.00

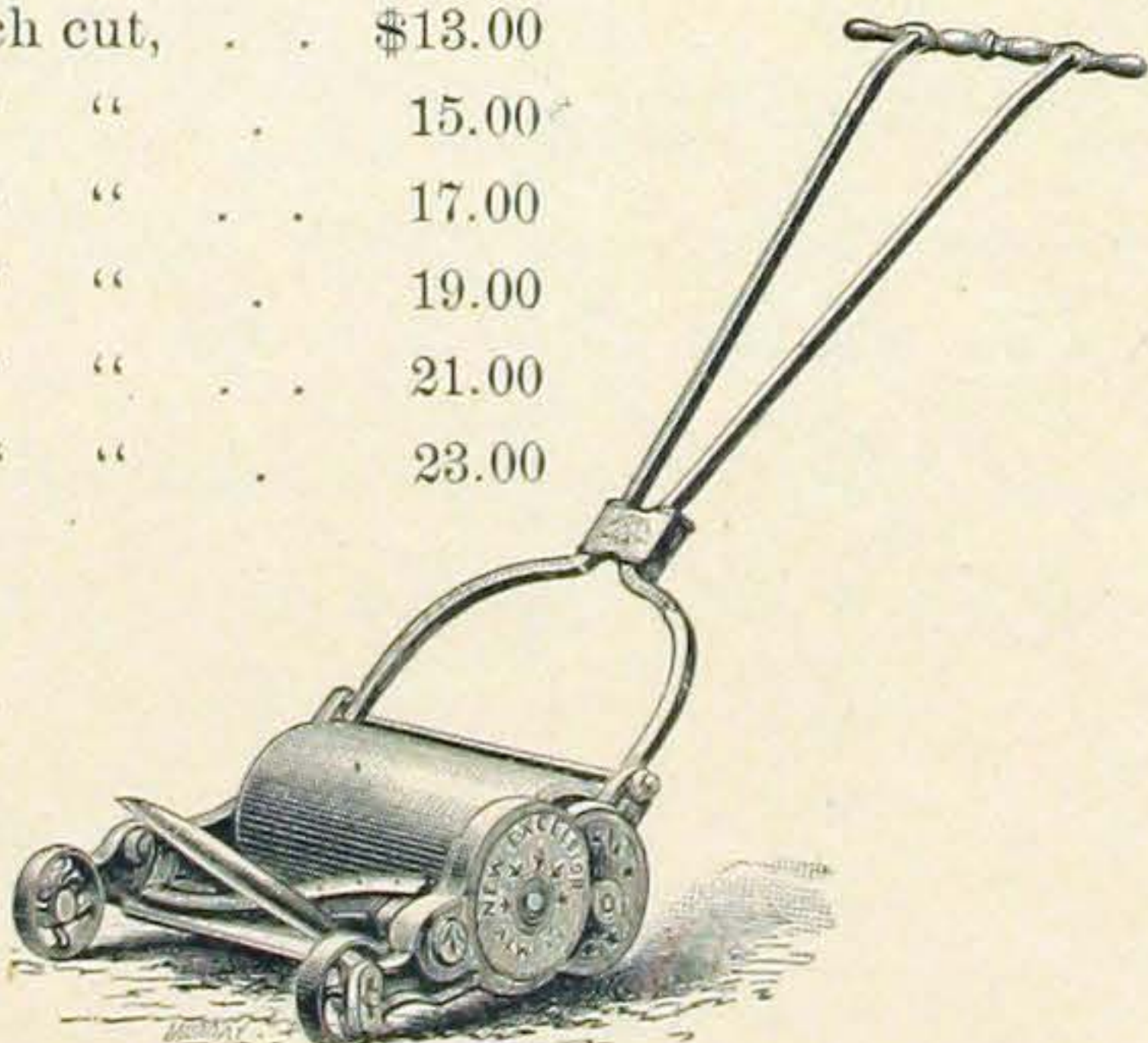
Shafts furnished for 25 inch mowers when desired, at \$10.00 extra.

Full directions for setting up, adjusting and using accompany each mower.

Showing Side Draft Attachment in Proper Position.

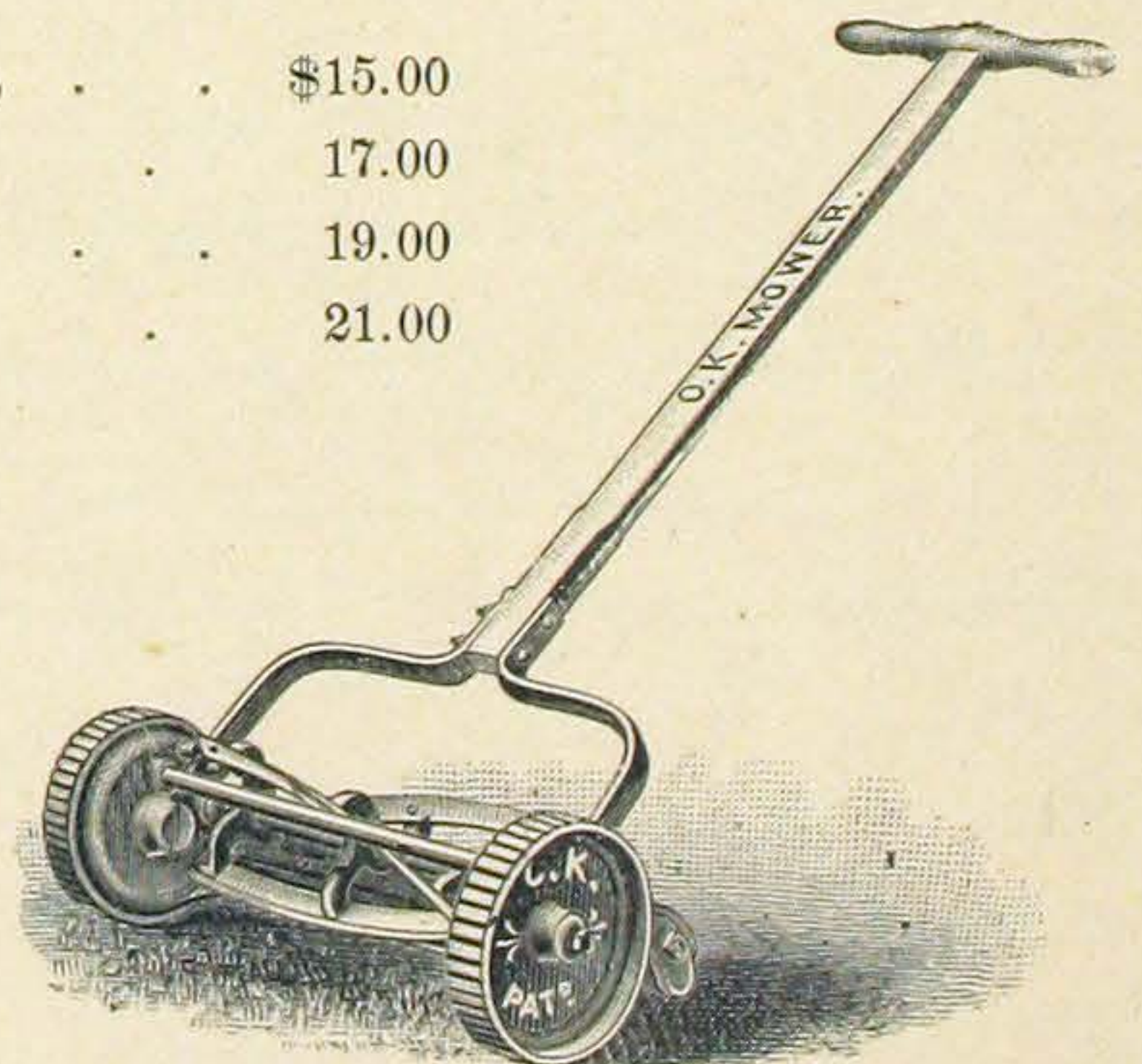
The "Excelsior" Roller.

10 inch cut,	\$13.00
12 " "	15.00
14 " "	17.00
16 " "	19.00
18 " "	21.00
20 " "	23.00



The "O. K."

12 inch cut,	\$15.00
14 " "	17.00
16 " "	19.00
18 " "	21.00



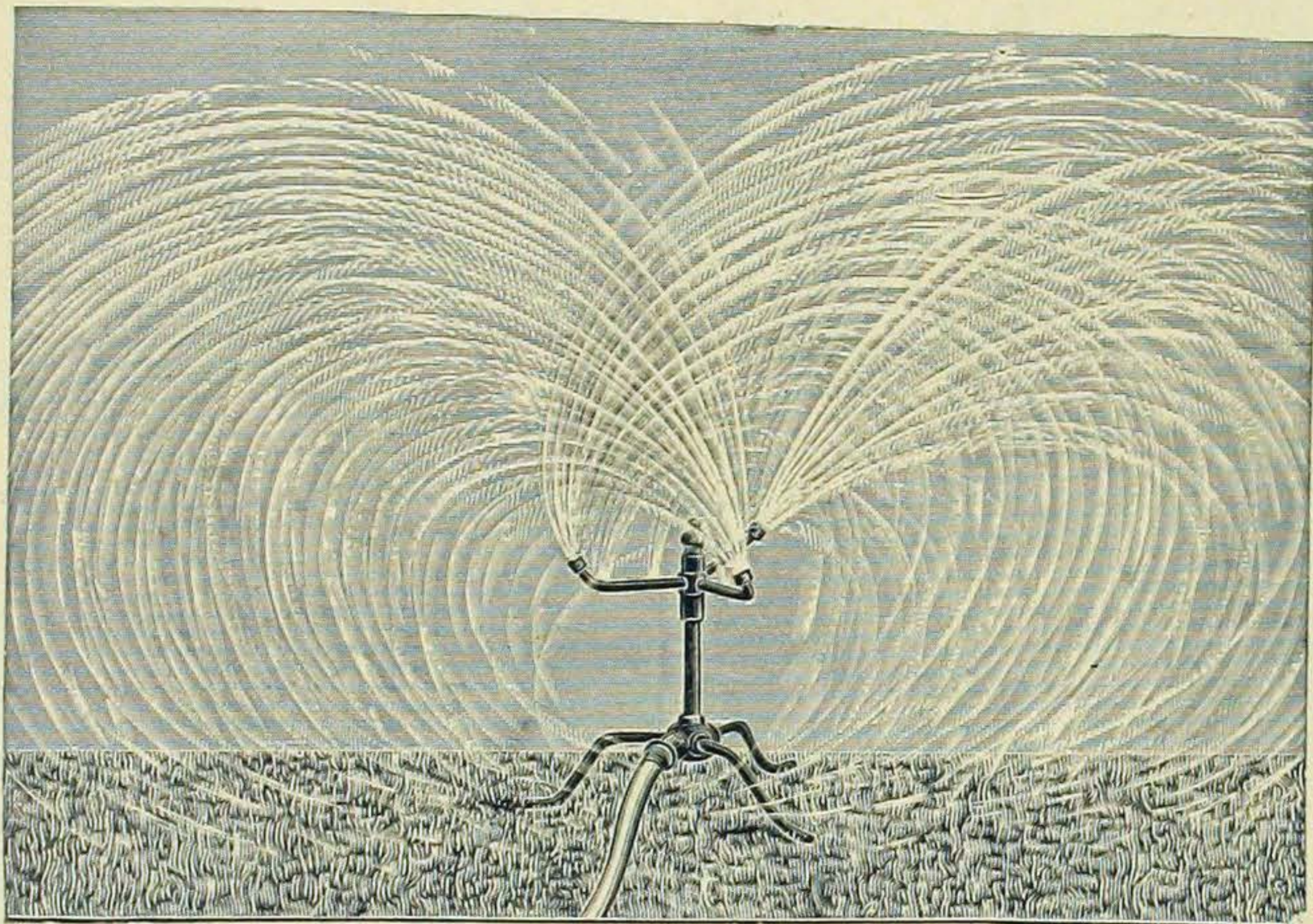
AGENTS FOR

FARNSWORTH & CO.,

MANUFACTURERS OF HARDWARE SPECIALTIES.

CALIFORNIA LAWN SPRINKLER.

BEST IN THE WORLD.



(PATENTED.)

The "California" throws the evenest spray of them all, and throws it 20 to 60 feet, according to pressure of water and length of hose (which is farther than any other throws water, so far as we know).

The bearing (brass) is two inches long, about an inch in diameter, conical, babbited (turns in a metal that goes without oil). The parts are substantial, not fine.

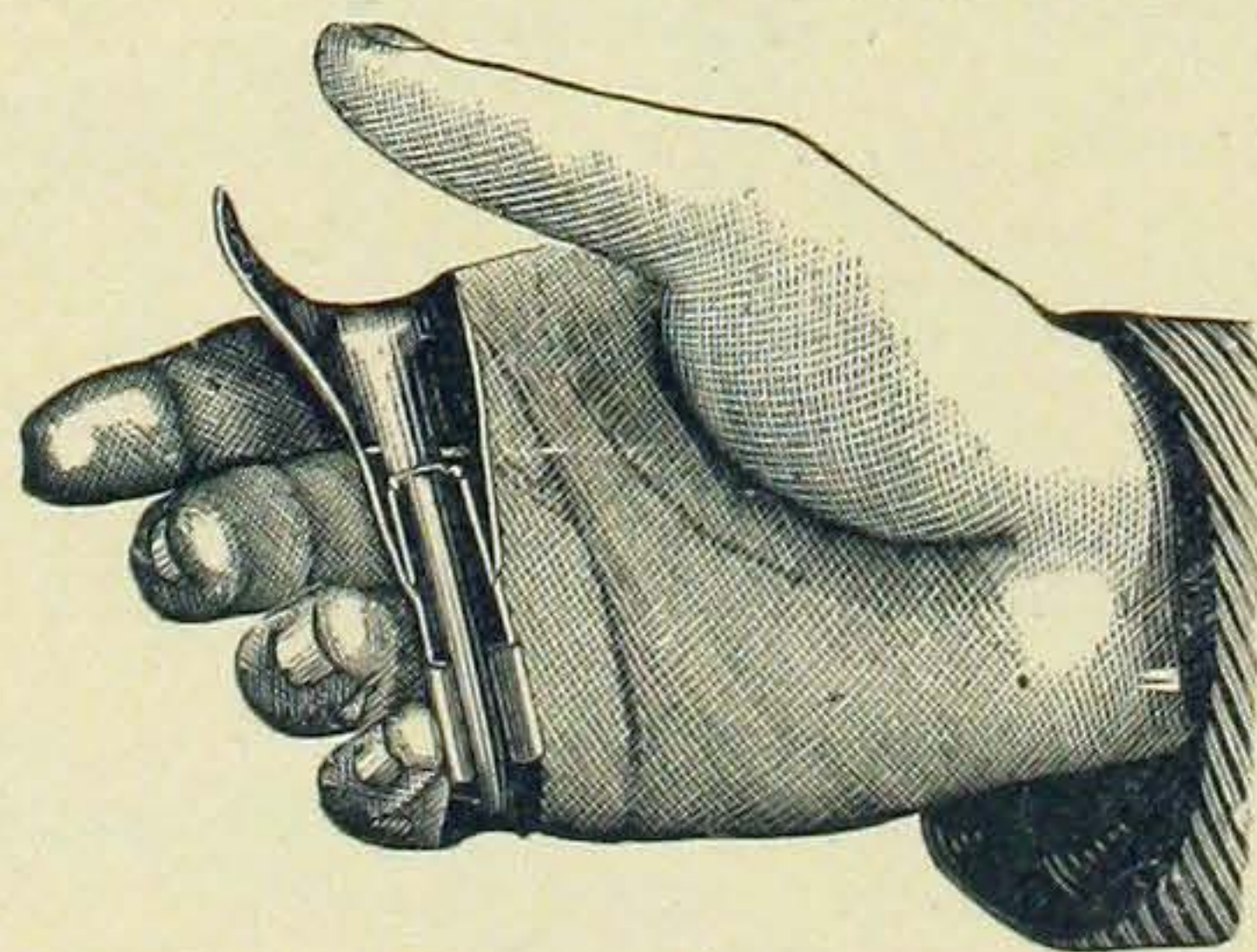
All this means, as every man of mechanical turn will see, that the "CALIFORNIA" Sprinkler runs as easy as possible, wears as little as possible, bears what wear it gets as well as possible, and is perfectly regular in its movement—no hitching or stopping. And you will find its spray like a gentle rain, almost as even as rain.

It stands a foot high; packs down in a box, 3 x 3 x 12 inches, and weighs 4 pounds.

THREE STYLES.

California Lawn Sprinkler, $\frac{3}{4}$ hose, on tripod (like cut),	per doz., \$30.00
" Junior Lawn Sprinkler, $\frac{3}{4}$ hose, on spike to drive on lawn,	" 24.00
" Giant " " 1 " on tripod for large lawns,	" 36.00

UNIVERSAL CORN HUSKER.



Made of brass or steel, without leather straps, loose rings, web, or set screws to wear out and render it useless. Only one size, which, by an adjustable feature, will fit any hand, either right or left.

Brass,	per gross, \$24.00
Steel, nickel-plated,	" 21.60

Packed one-quarter gross in a box. Five gross in a case.

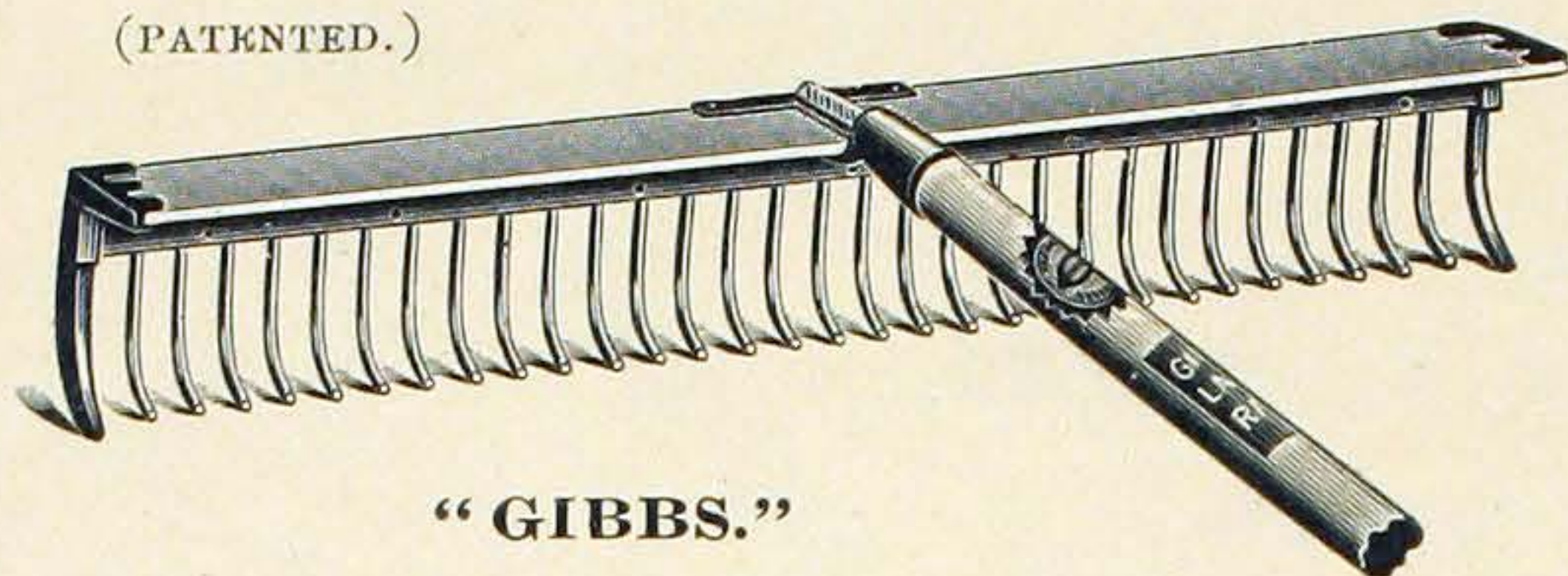
One-quarter dozen left hand Huskers in each box.

—AGENTS FOR—

GIBBS MANUFACTURING CO.

LAWN RAKES AND POST HOLE DIGGERS.

(PATENTED.)



"GIBBS."

Price per dozen, \$9.00

The Gibbs Lawn Rake.

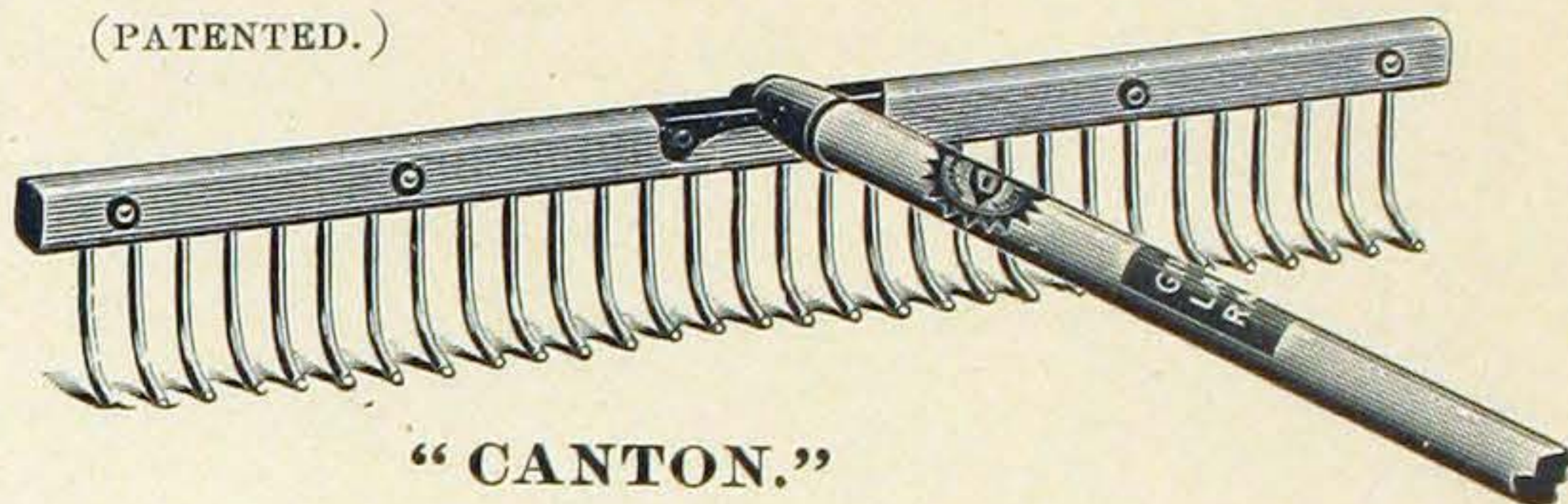
Lawns are cleaned perfectly with this Rake in less time and labor, requiring no cleaning of teeth and does not tear the sod when raking. The Closed Hood enables a larger amount of grass or leaves to be drawn forward at a time. Unloads by pushing backward. 30 steel wire teeth of No. 9 gauge, a 24-inch head, neatly painted. Crated in one dozen lots, heads and handles separately.

The Canton Lawn Rake

Has the essential qualities of the Gibbs Rake without the Closed Hood and end runners. The teeth, like the "Gibbs" are so formed as to rake cleanly without tearing the sod. They cannot come out, get loose, or twist. Is strongly made, light, durable and a good seller. 30 steel wire teeth of No. 9 gauge, a 24-inch head neatly painted. Crated in one and two dozen lots, heads and handles separately.

Price per dozen, \$6.50

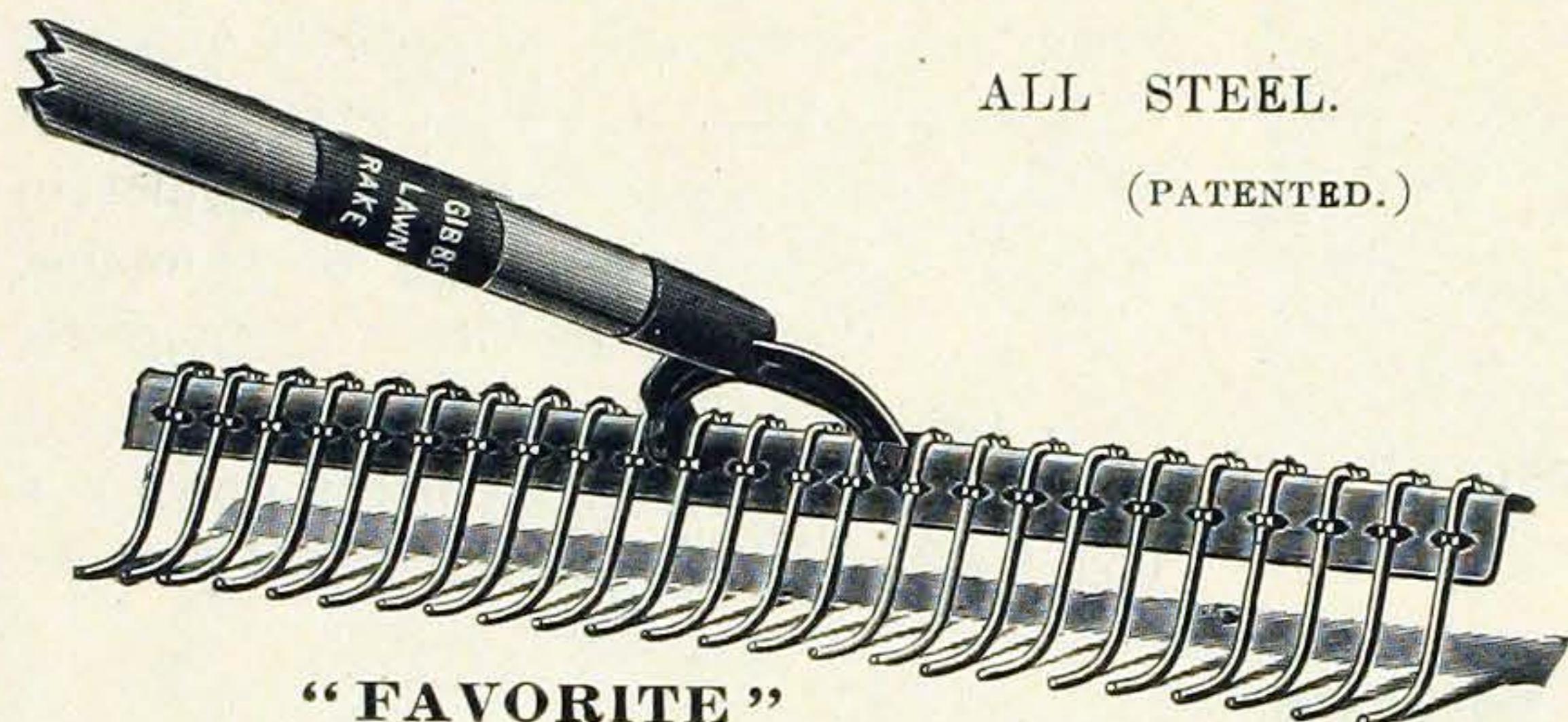
(PATENTED.)



"CANTON."

ALL STEEL.

(PATENTED.)



"FAVORITE"

Price per dozen, \$8.00

The Favorite Lawn Rake.

Made with a 24-inch Steel Head and 24 steel wire teeth of No. 9 gauge, both of which are heavily tinned, preventing rusting and always insuring an attractive and saleable appearance. Teeth are securely fastened and cannot become loose. To unload Rake, push backward without raising it. One motion clears all the teeth. Crated in one and two dozen lots, heads and handles separately.

THE GIBBS POST HOLE DIGGERS

Give universal satisfaction.



— ADVANTAGES. —

1st.—Easiest operated and simple in construction.

2nd.—Time and labor saved the operator.

3rd.—More soil can be brought out at one time.

4th.—The blade is free from any obstruction.

5th.—Scours or cleans better in mucky soil.

6th.—Only one blade to sharpen and repair.

7th.—The loose soil is all on top of blade and cannot fail to be lifted out.

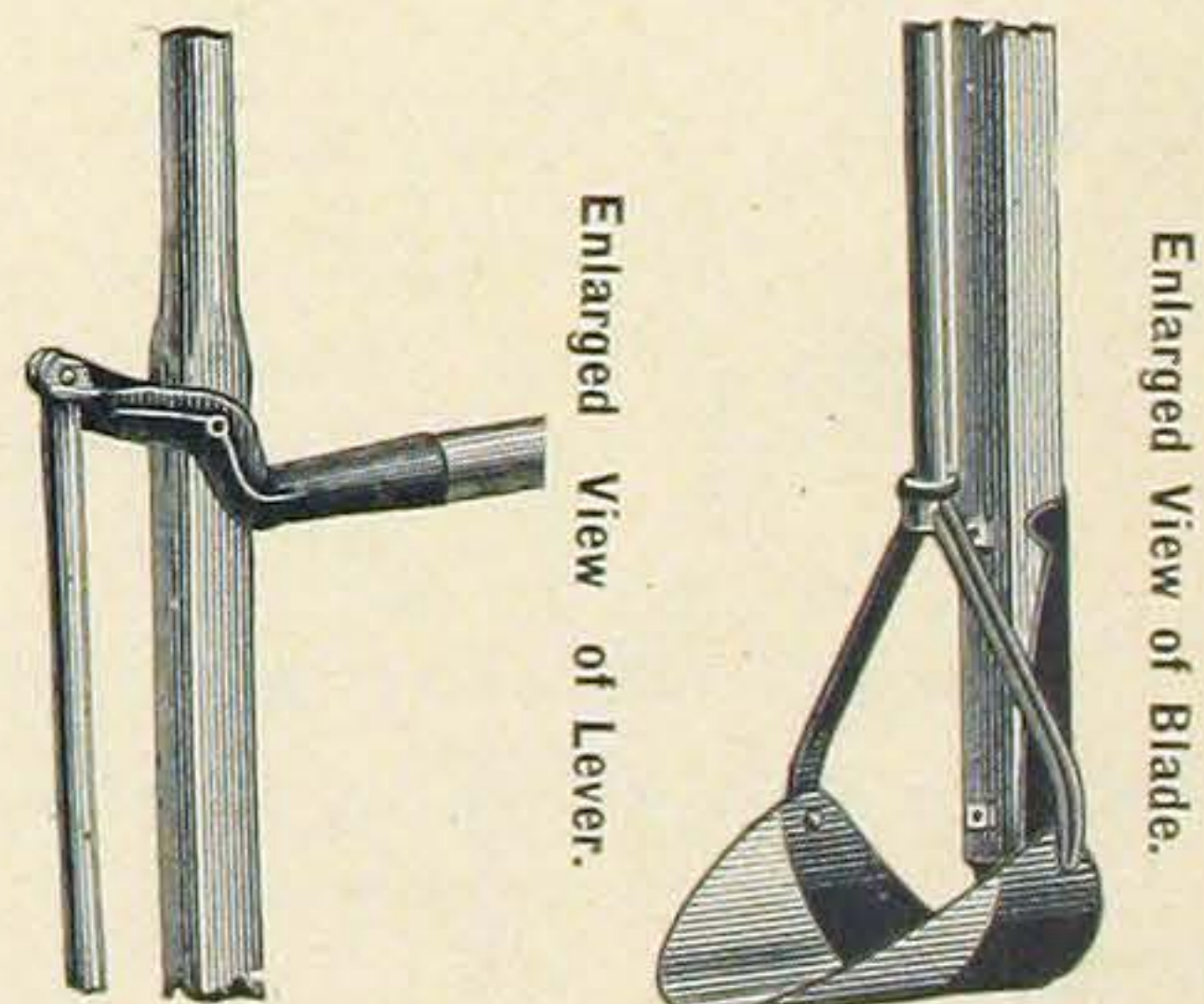
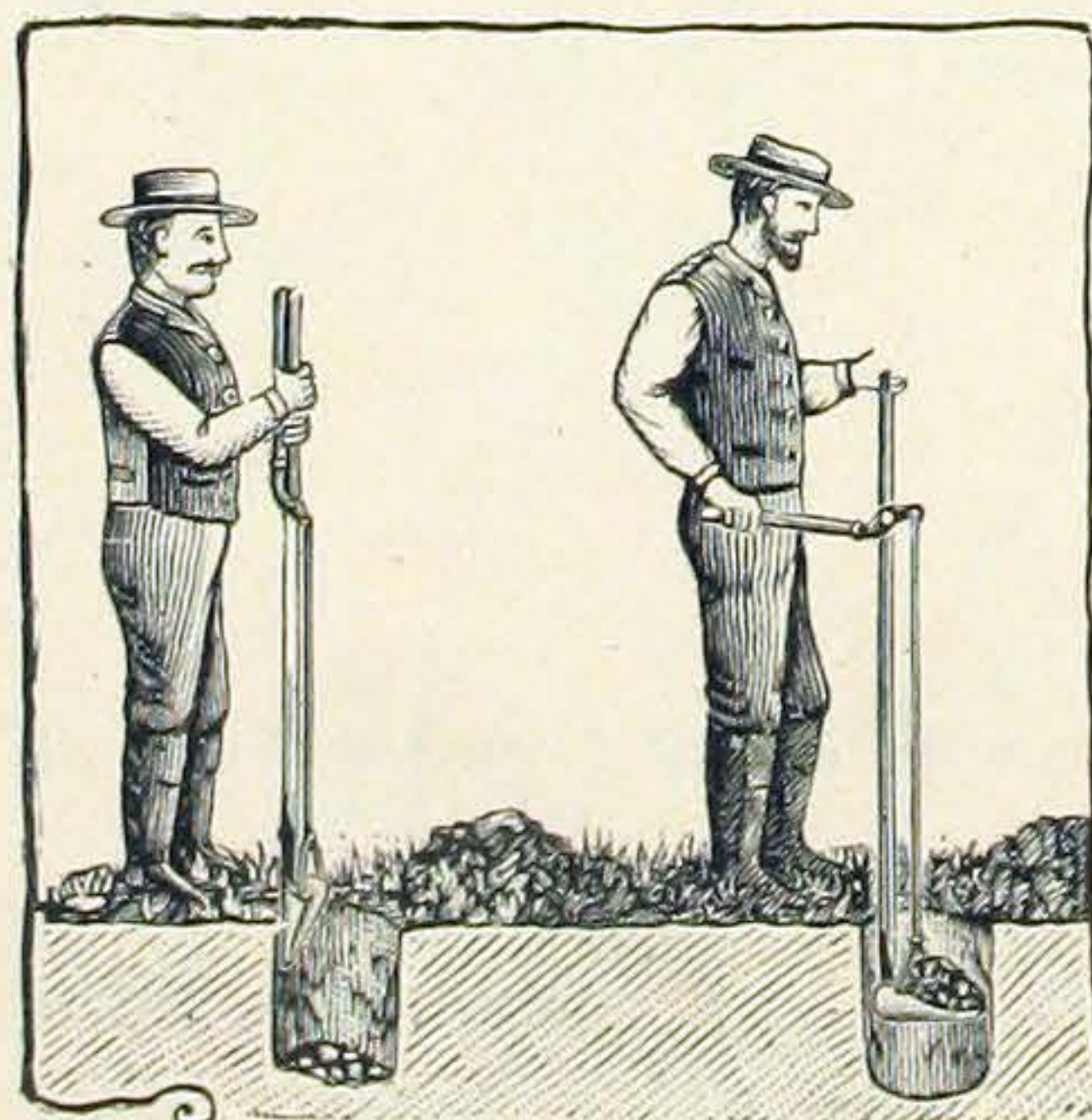
8th.—All wearing parts have steel pins.

9th.—Will make a hole of any desired diameter and three feet deep.

10th.—The blade receives all the thrust and none on the hinge.

11th.—Stones and boulders are easily loosened and removed by the compound lever.

12th.—The blade is made of the best tempered cast steel and other parts of good malleable iron and handles of extra quality hickory or ash.



Enlarged View of Lever.

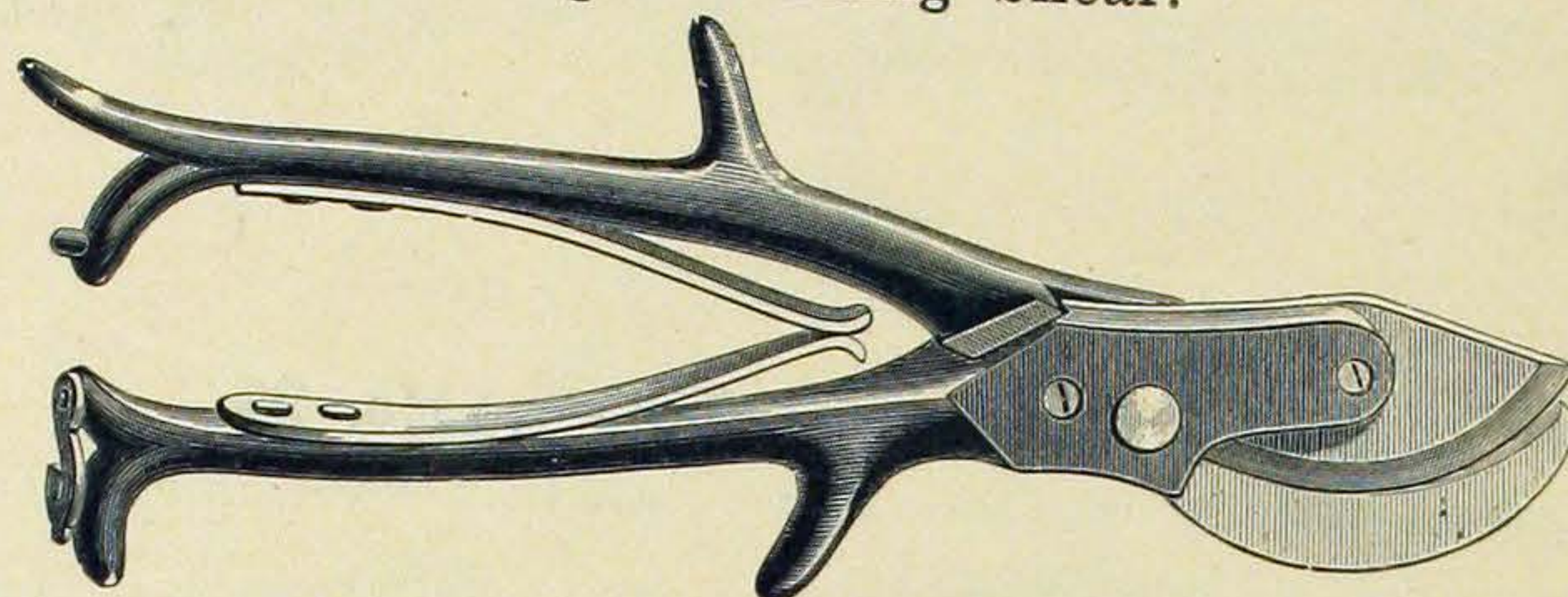
Enlarged View of Blade.

Every Digger Fully Warranted.

Price per dozen, \$30.00

AGENTS FOR
SEYMOUR SMITH & SON,
— MANUFACTURERS OF —
PRUNING SHEARS, ETC.

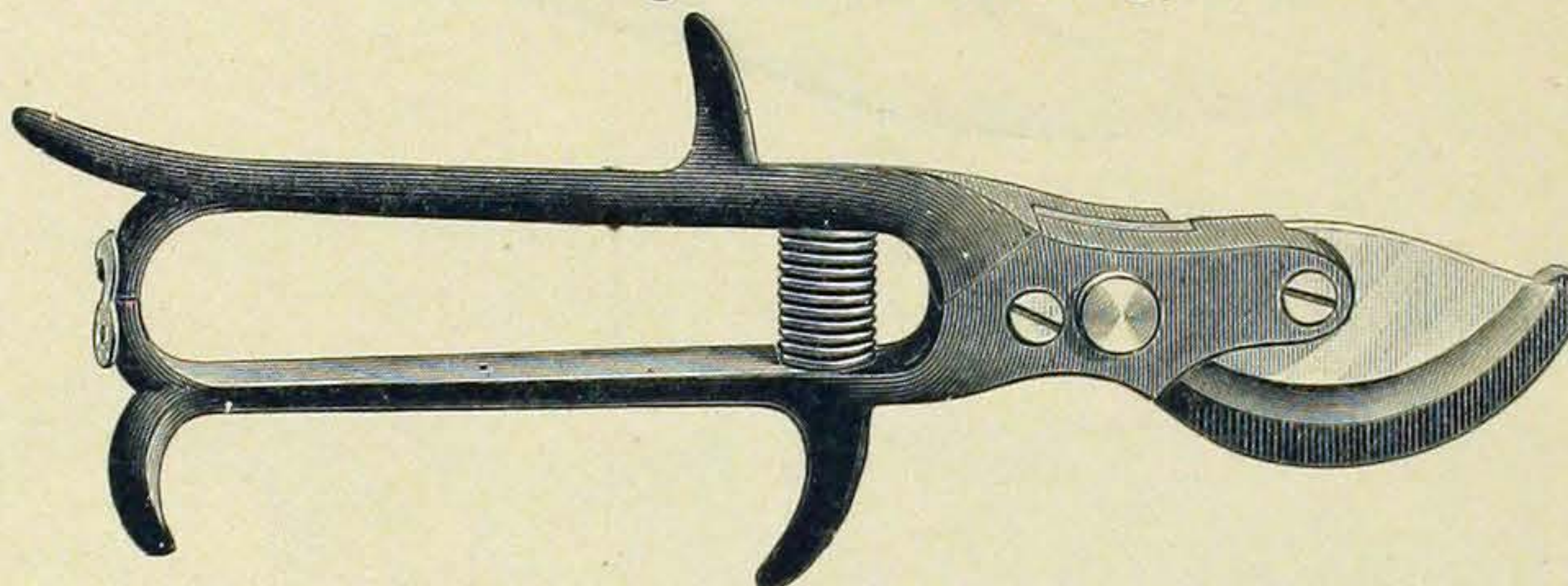
Granger Pruning Shear.



No. 1, Flat Spring,
No. 2, Coil

per dozen, \$8.25
" 8.00

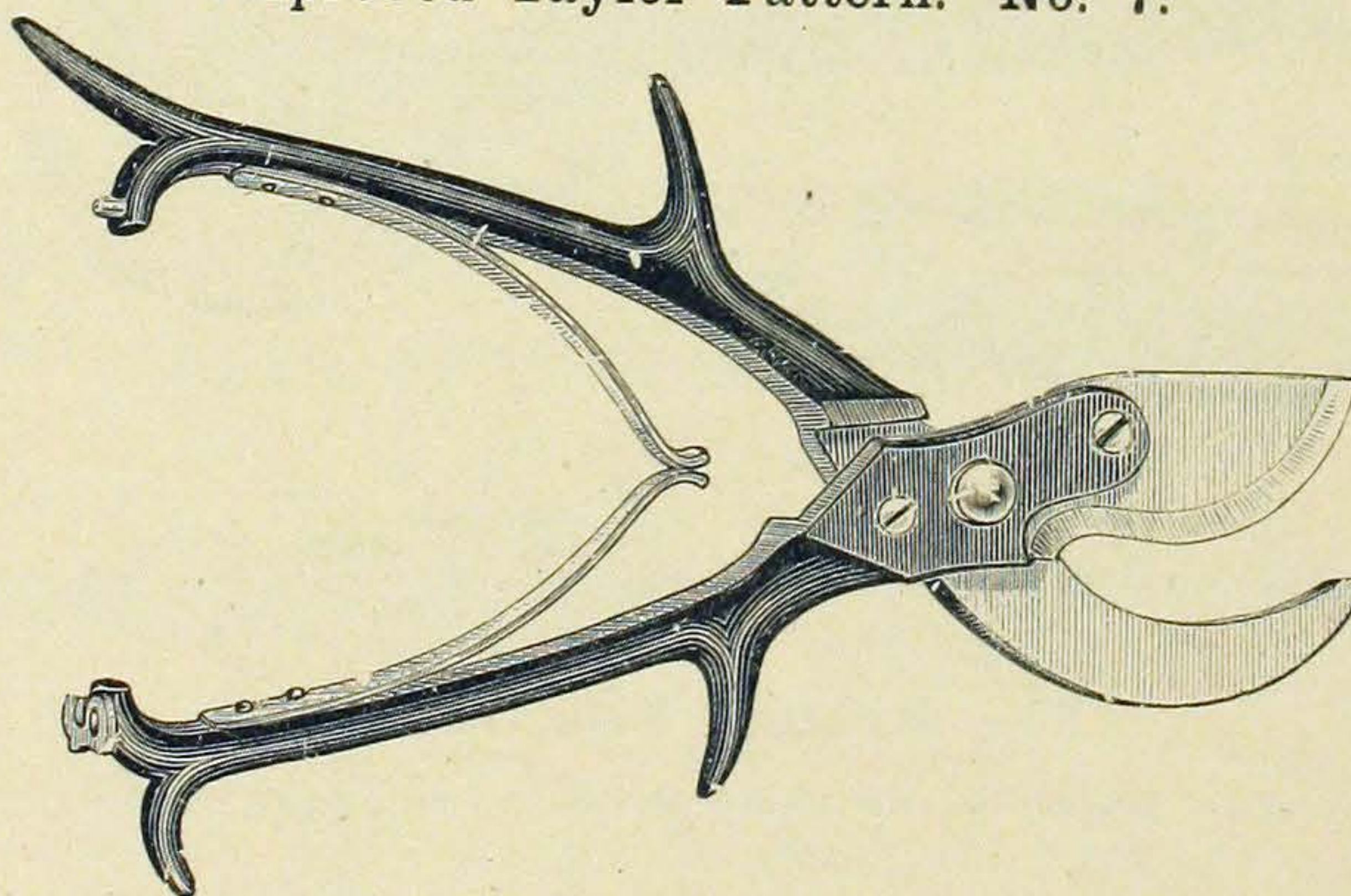
Pruning Shear.—No. 5.



Per dozen,

\$9.00

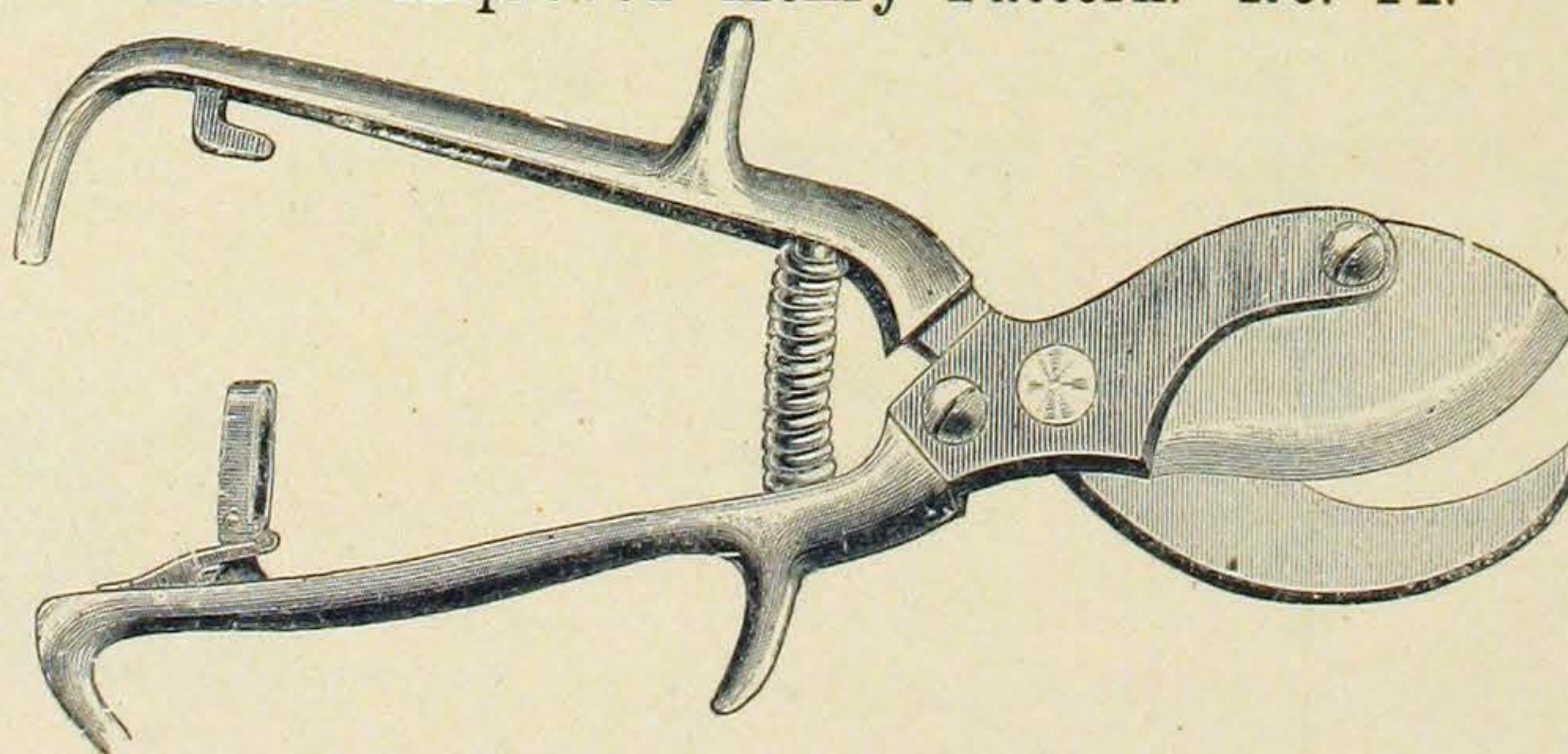
Improved Taylor Pattern.—No. 7.



Per dozen,

\$9.00

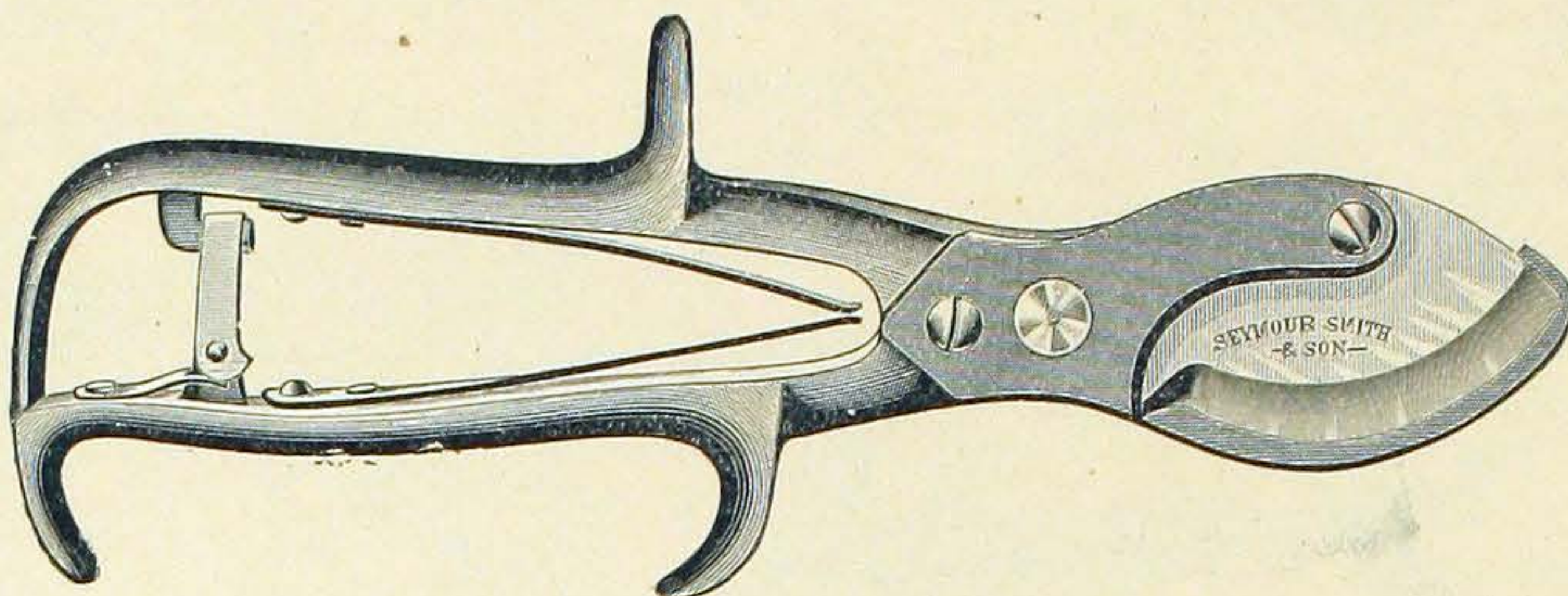
Smith's Improved Henry Pattern.—No. 14.



Per dozen,

\$10.00

Smith's Improved Henry Pattern.—No. 21.

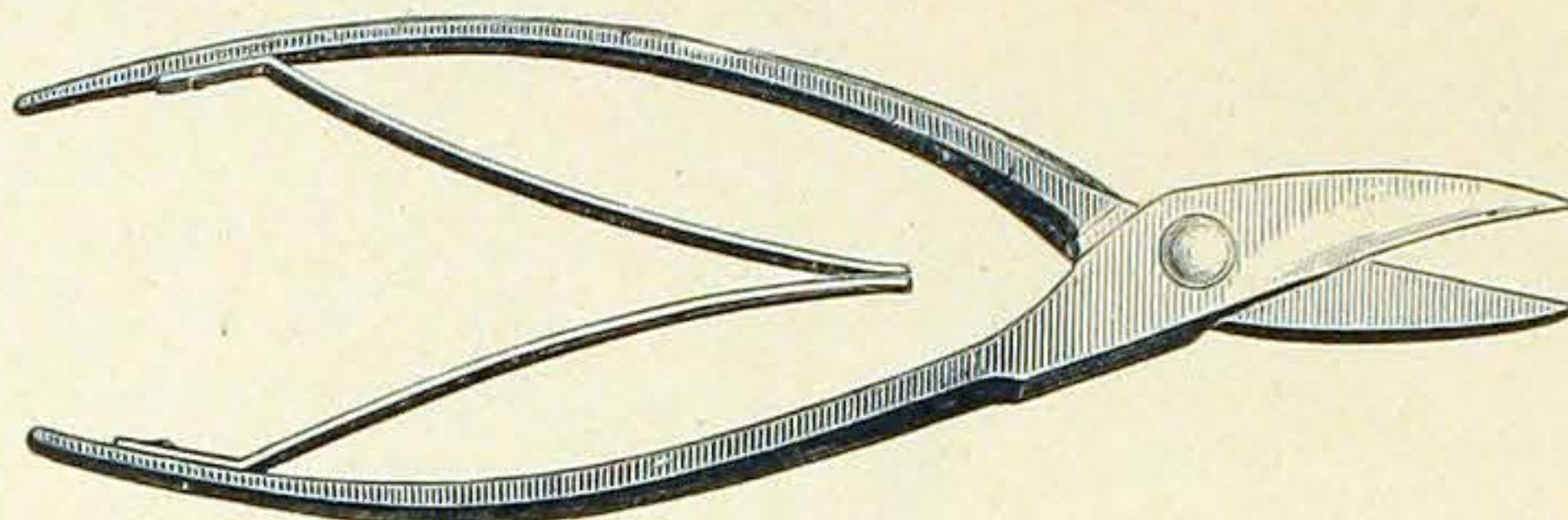


Per dozen,

\$10.00

Grape, or Bouquet Clipper.—No. 28.

"They are an article which every Gardener and Fruit Grower should have."

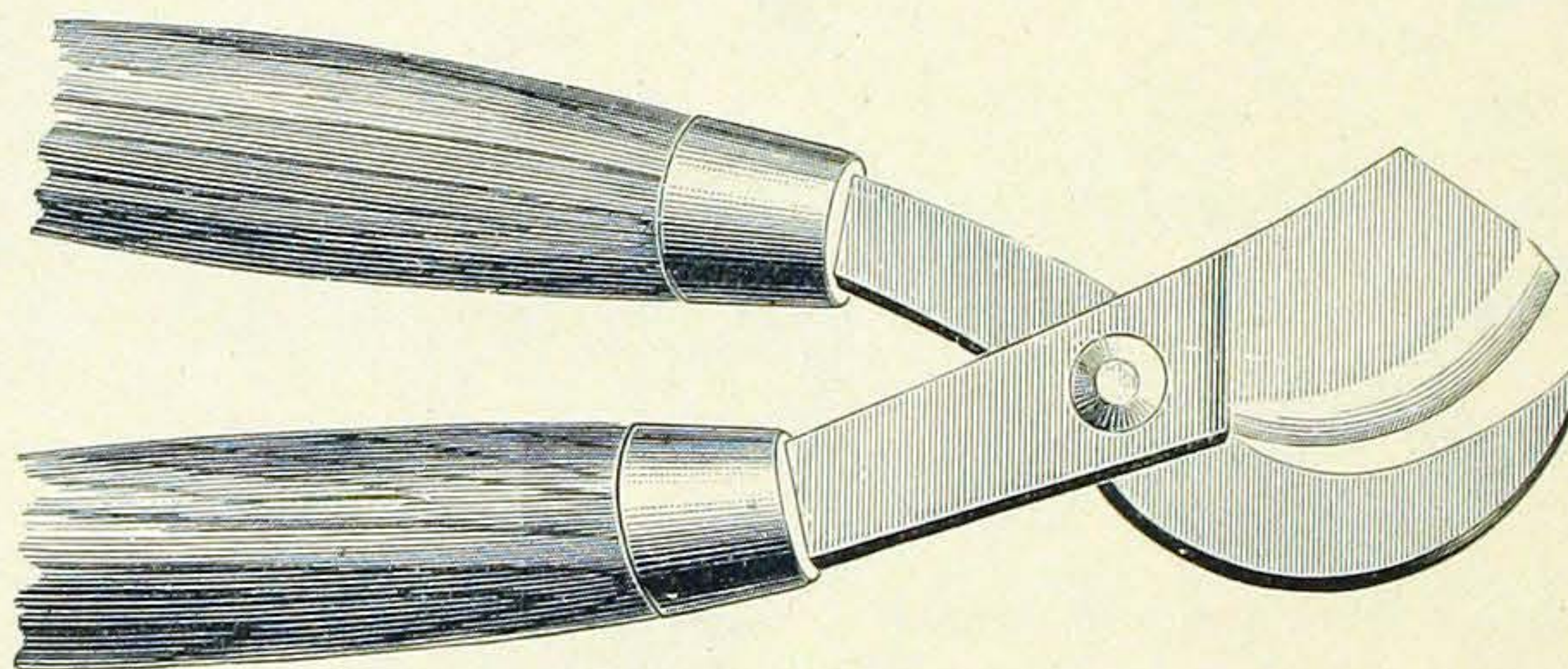


Per dozen,

\$6.00

Made from best Cast Steel, forged from the bar, and are very light and strong. Will make a clean cut on the thinnest leaf, or will cut stick 5-16 inch. diameter without strain or injury to the Clipper.

Rockdale Pruner.



No. 35, Full length 26 inches,

per dozen, \$9.00

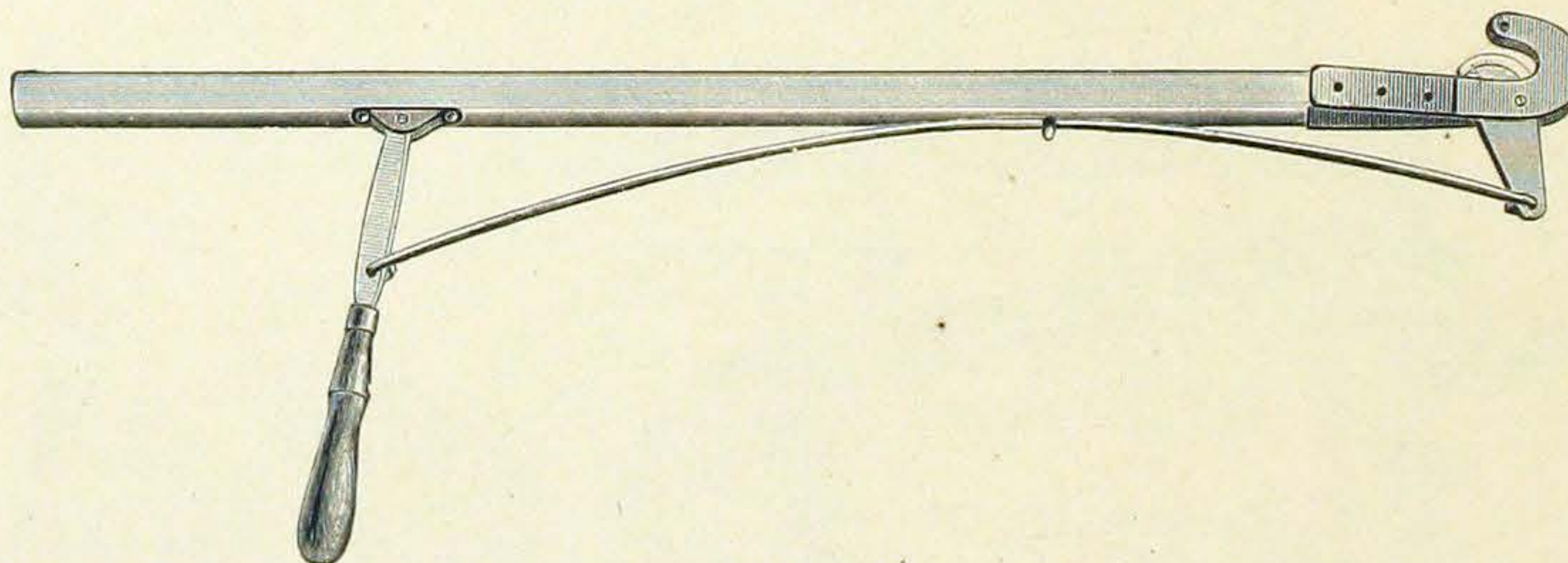
" 38, " 41 "

" 12.00

Very strong and durable. Will cut stick 1¼ inch. diameter with ease. Blades forged from best cast steel.

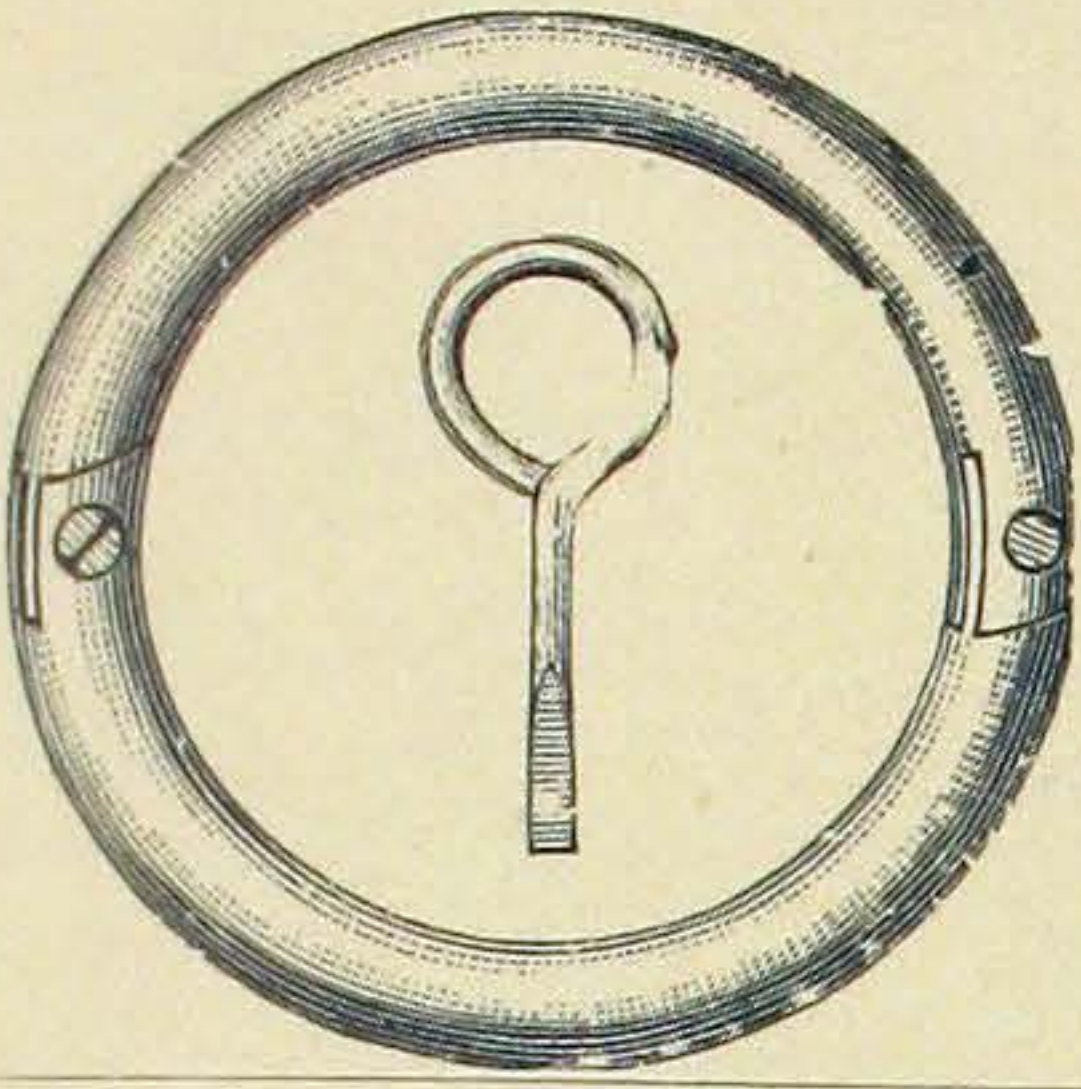
The Standard Tree Pruner.

Simple. Strong. Durable. Most convenient to use. Sure to do its work well.

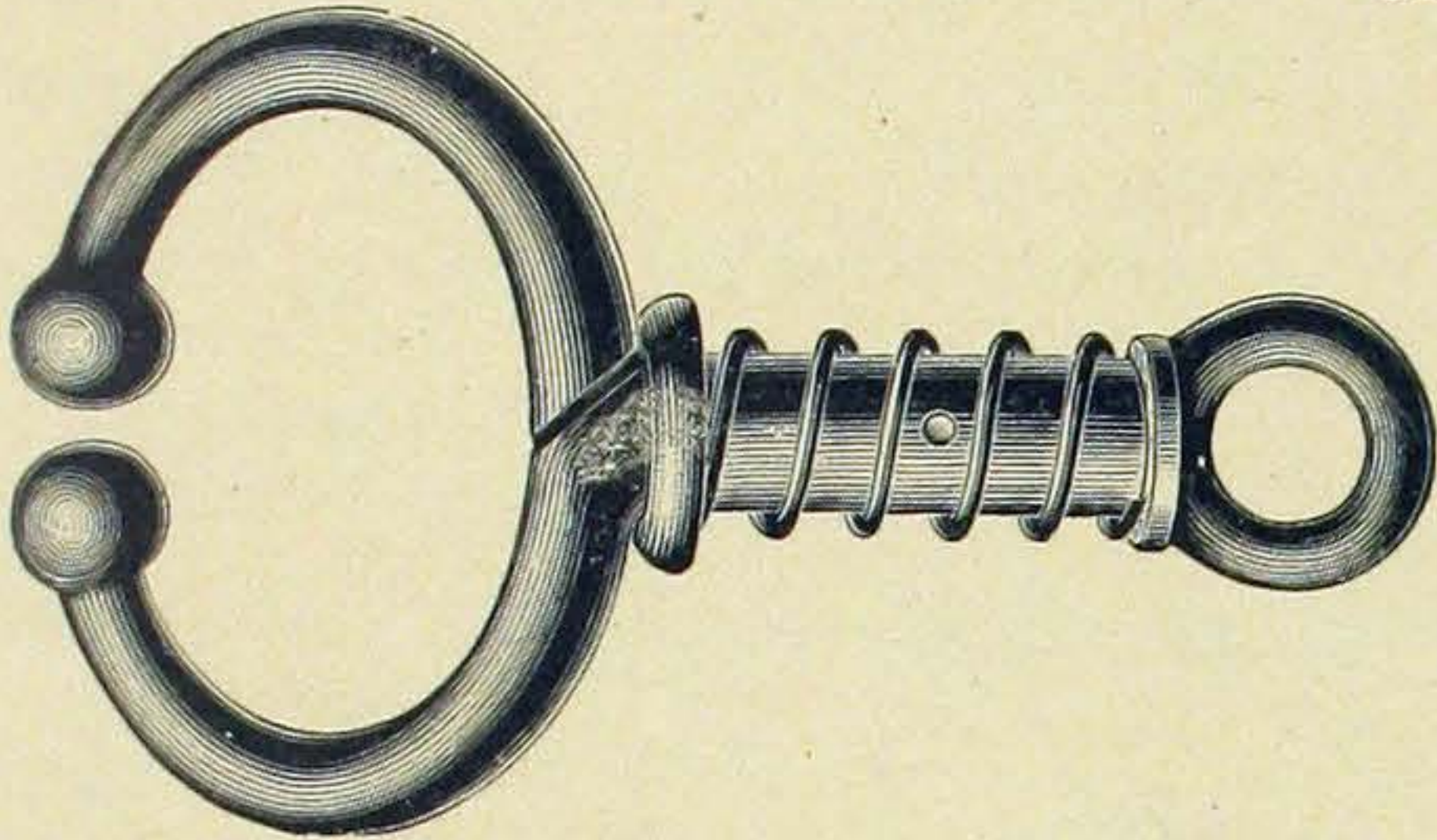


PRICES.

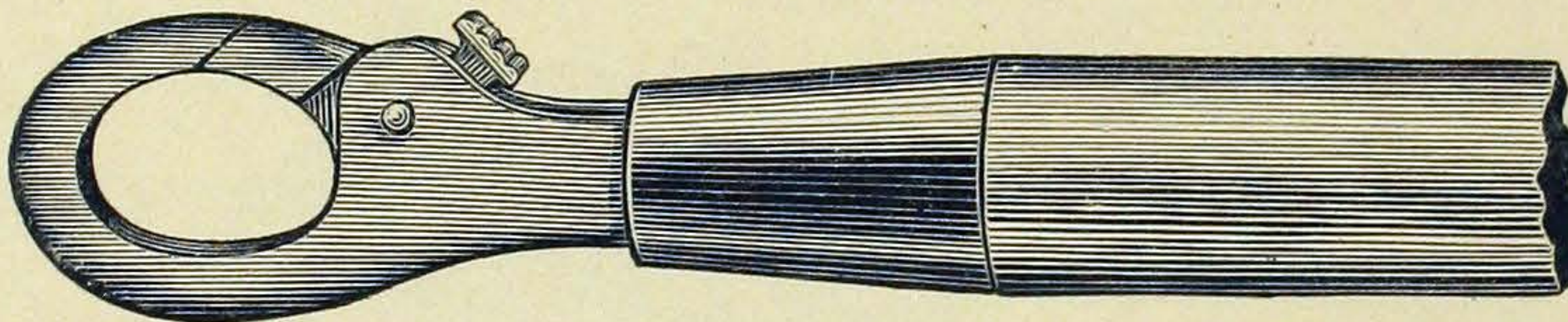
4 feet,	\$2.00
6 "	2.25
8 "	2.50
10 "	2.50
12 "	2.75

BULL RINGS.

Steel Polished,	per dozen, \$2.10	2½	3 in.
		\$2.25	\$2.45
Copper Polished,	3.30	3.40	3.70
Nickeled,	2.50	2.75	3.00

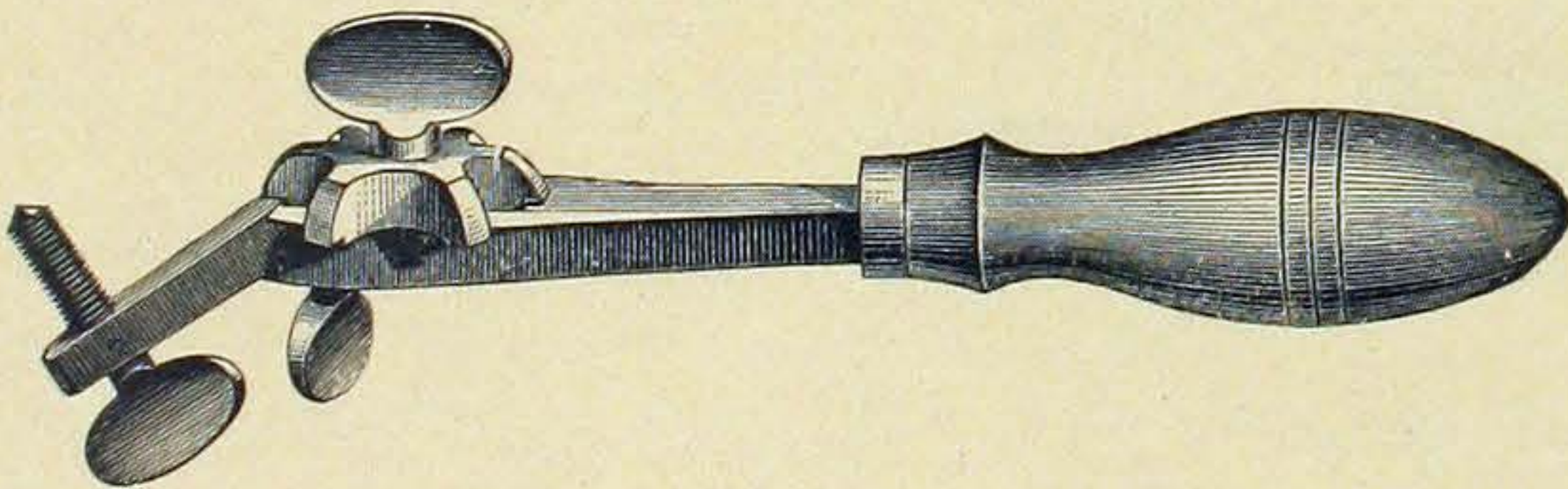
CATTLE LEADERS.

No. 1,	per dozen, \$1.00
" 2,	" 1.10

VICTOR BULL SNAPS.

Made with oval eye $1\frac{3}{16} \times \frac{1}{16}$ inches, with opening that will admit ring made from $\frac{3}{8}$ inch stock. Staffs are five feet long, made from best ash wood.

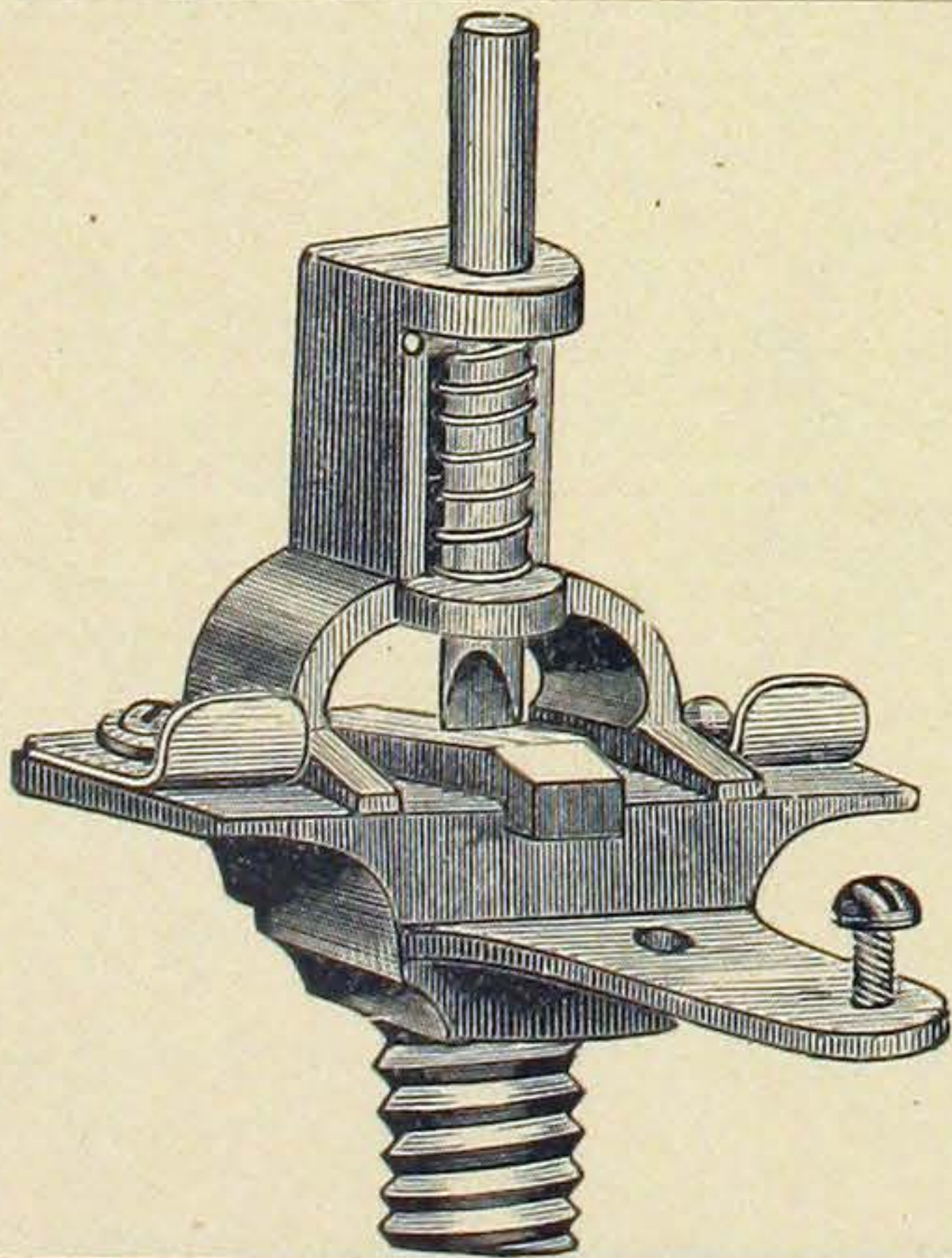
No. 11, without Staff,	per dozen, \$4.00
No. 12, with Staff,	per dozen, 8.00

LEVER SAW SETS.—Stillman Pattern.

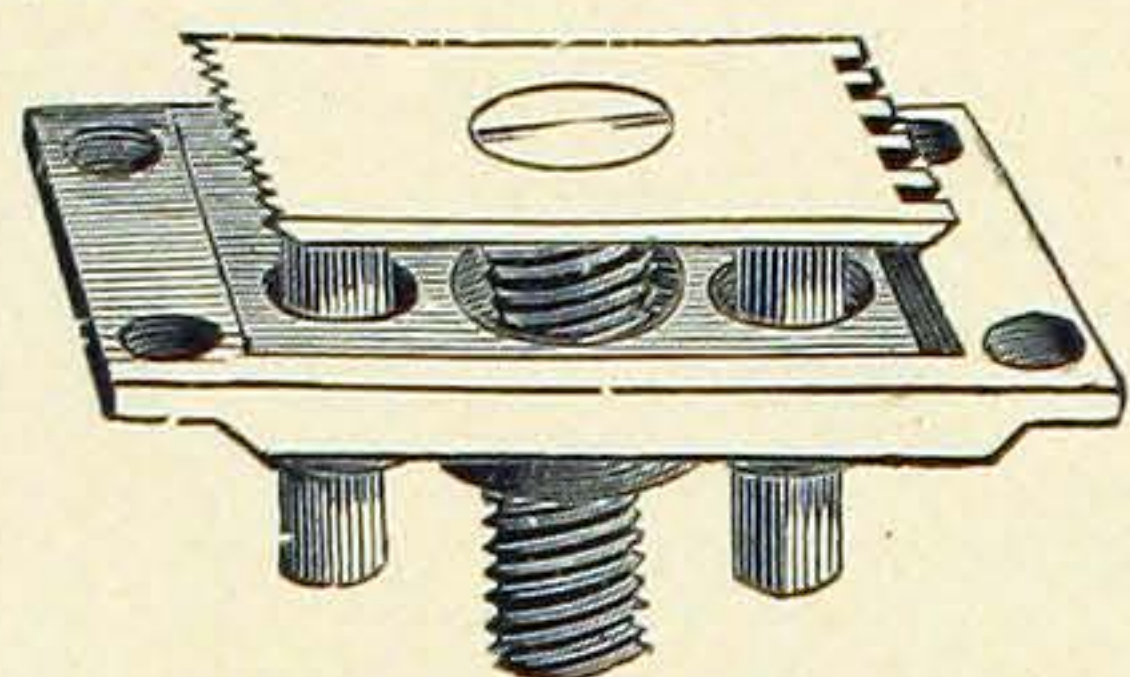
No. 0, Lever Saw Set, Stillman Pattern,	per doz., \$4.00
" 00, Cross-cut, " " " "	8.00

IMPROVED HAMMER SAW-SETS.

With Iron Body, Steel Mandrel and Anvil.



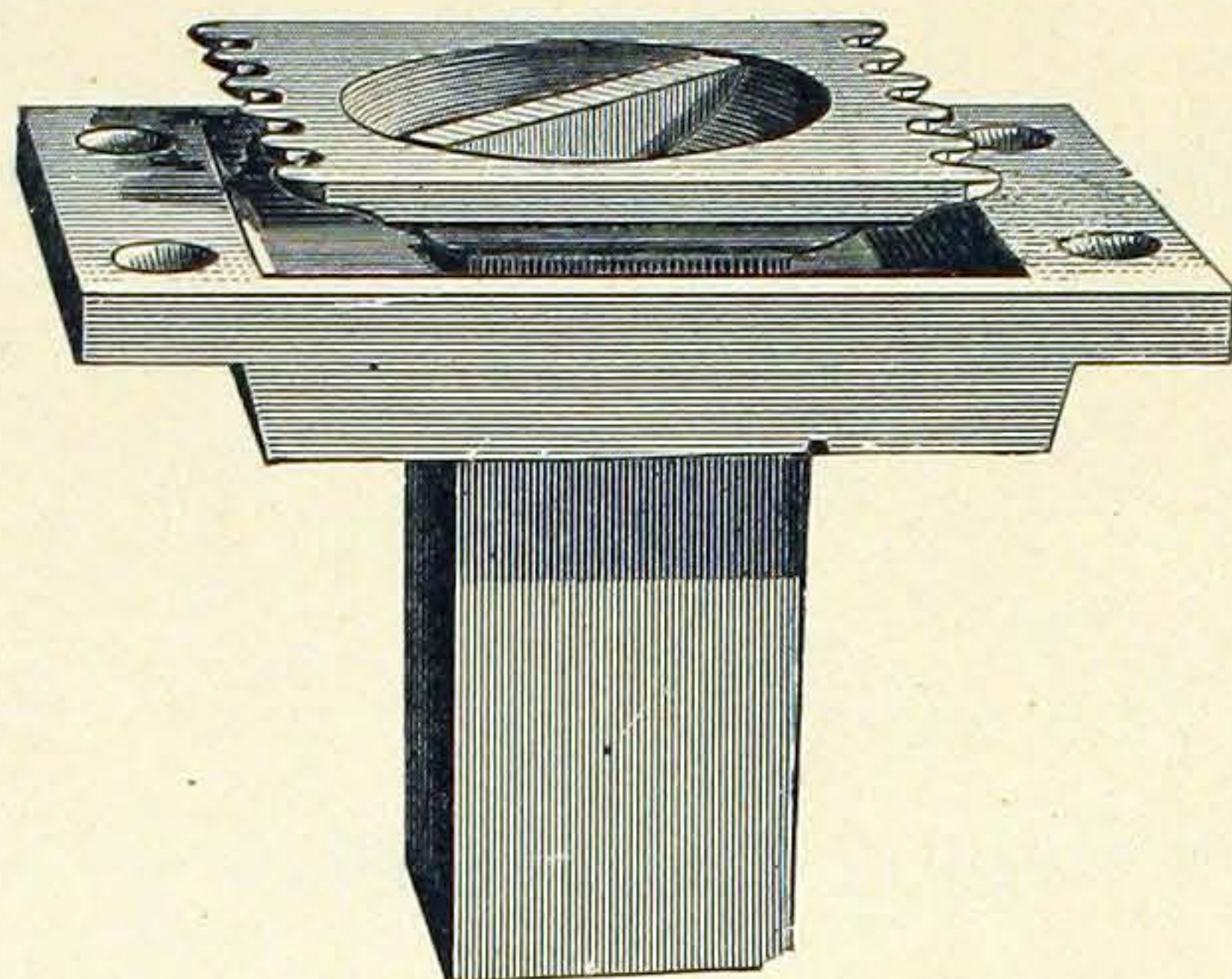
No. 1,	per dozen, \$5.50
------------------	-------------------



Screw Adjusting Bench Hooks.

Designed for cabinet makers and joiners. This hook is adjusted to any desired point by turning the upright screw in the center.

No. 1, per dozen, \$5.00



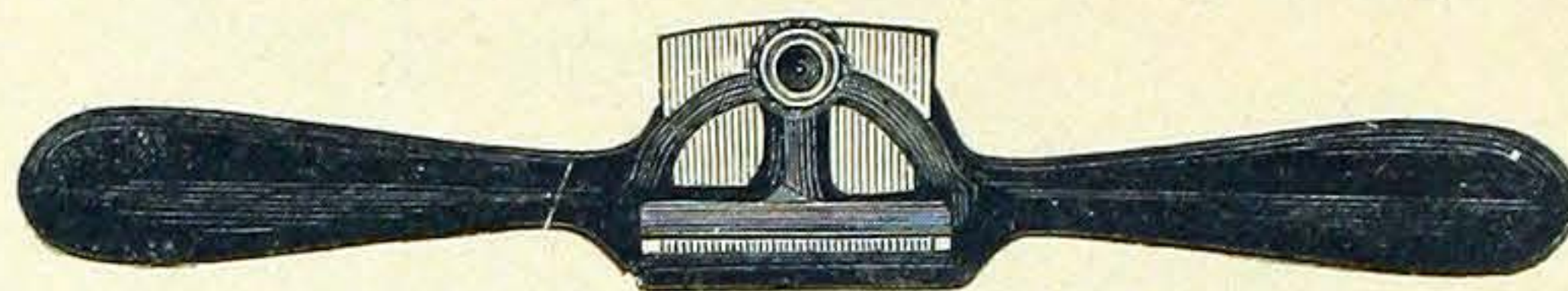
Patent Reversible Bench Hooks.

Designed for cabinet makers and joiners.

No. 2, per dozen, \$4.00

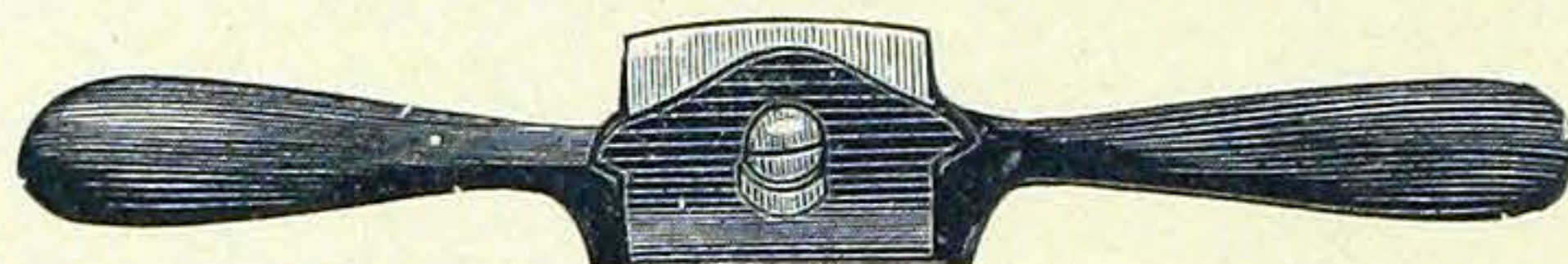
Spoke Shaves.

Cutters on all our Spoke Shaves made from best English cast steel.

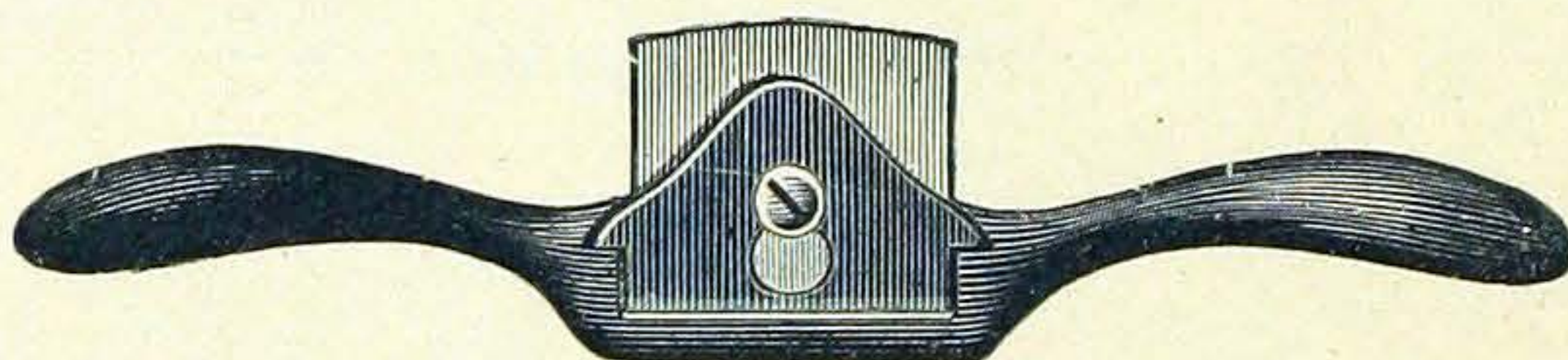


CUTTER ADJUSTED AND SET WITH THUMB SCREW.

No. 0, per dozen, \$1.75

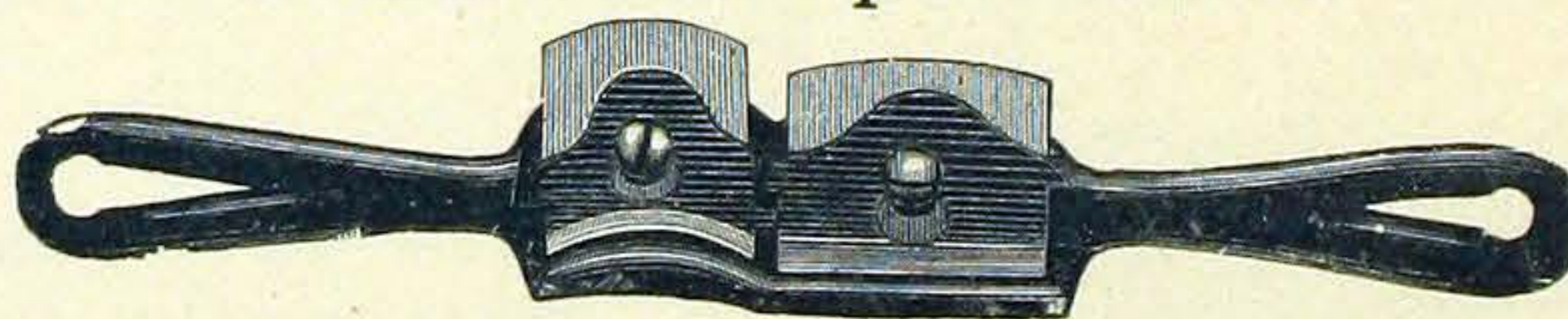


No. 1, 2 inch, per dozen, \$1.35



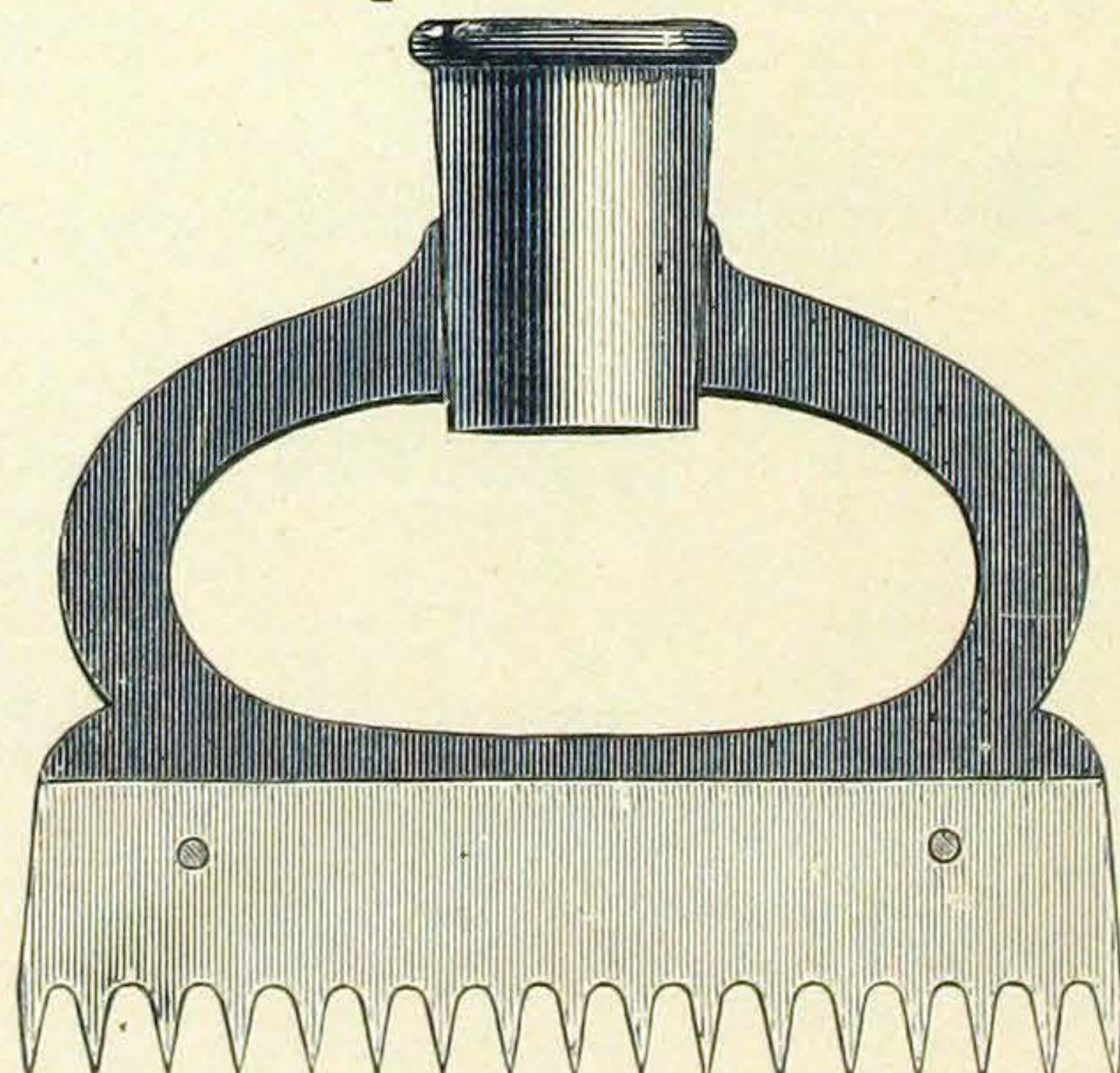
No. 2, 2 1/4 inch, per dozen, \$1.85

Double Cutter Spoke Shaves.



No. 3, per dozen, \$2.20

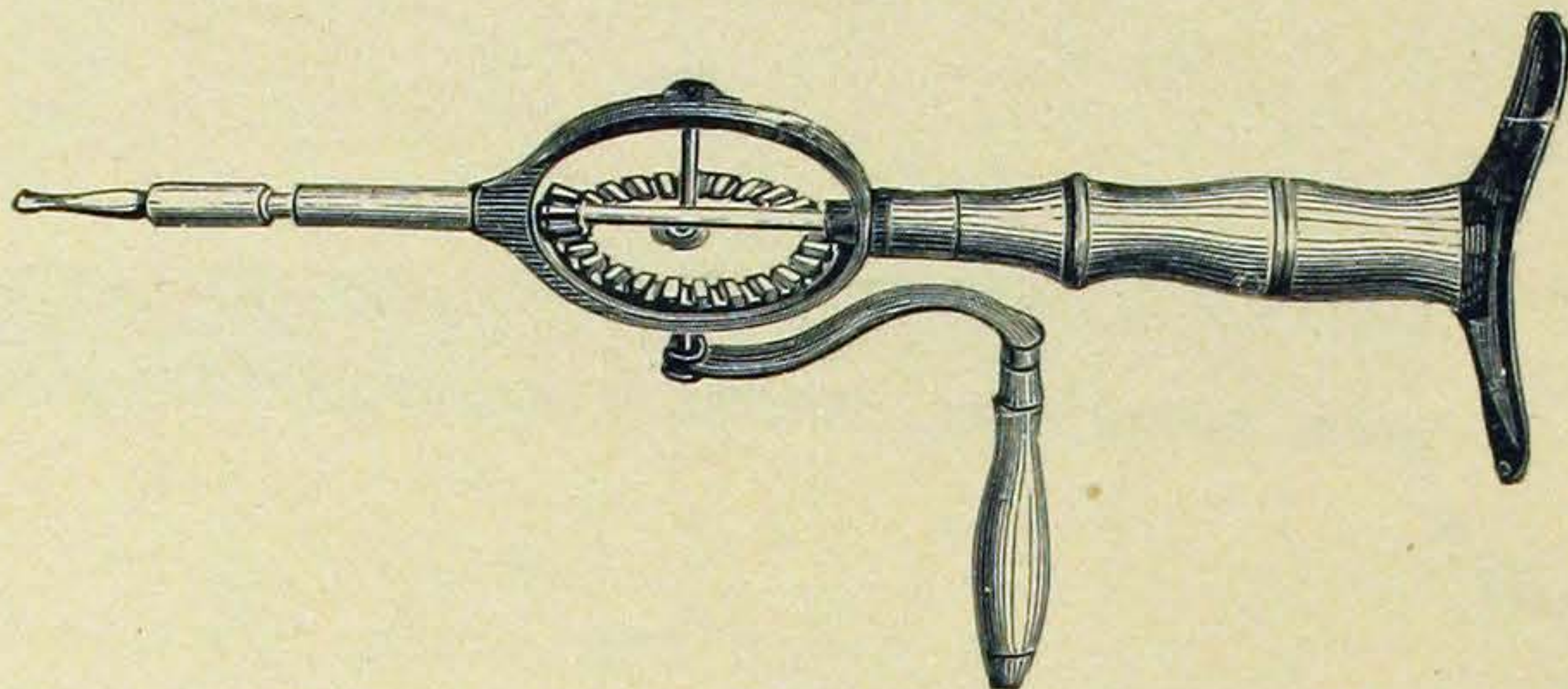
Carpet Stretchers.



Per dozen, \$1.40

BREAST DRILLS.

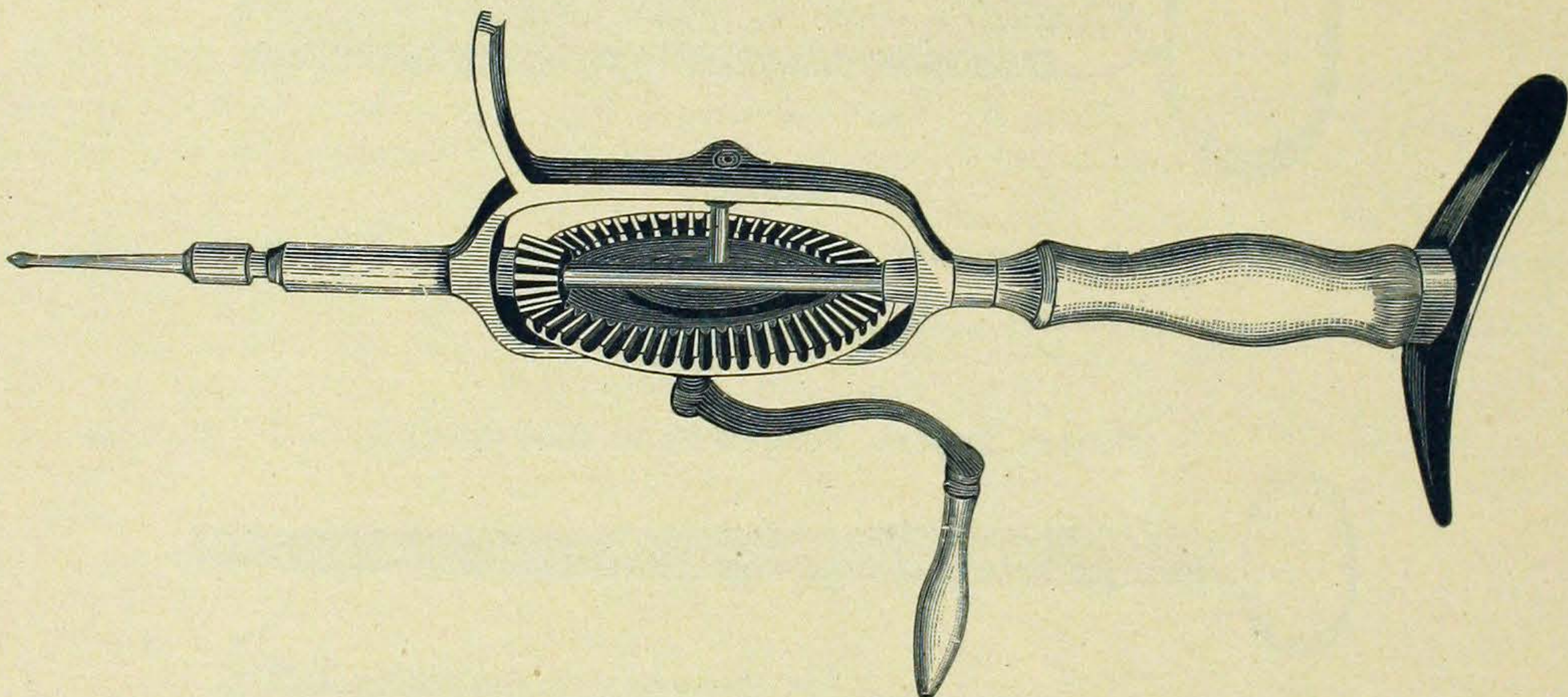
No. 1.



No. 1,

per dozen, \$26.25

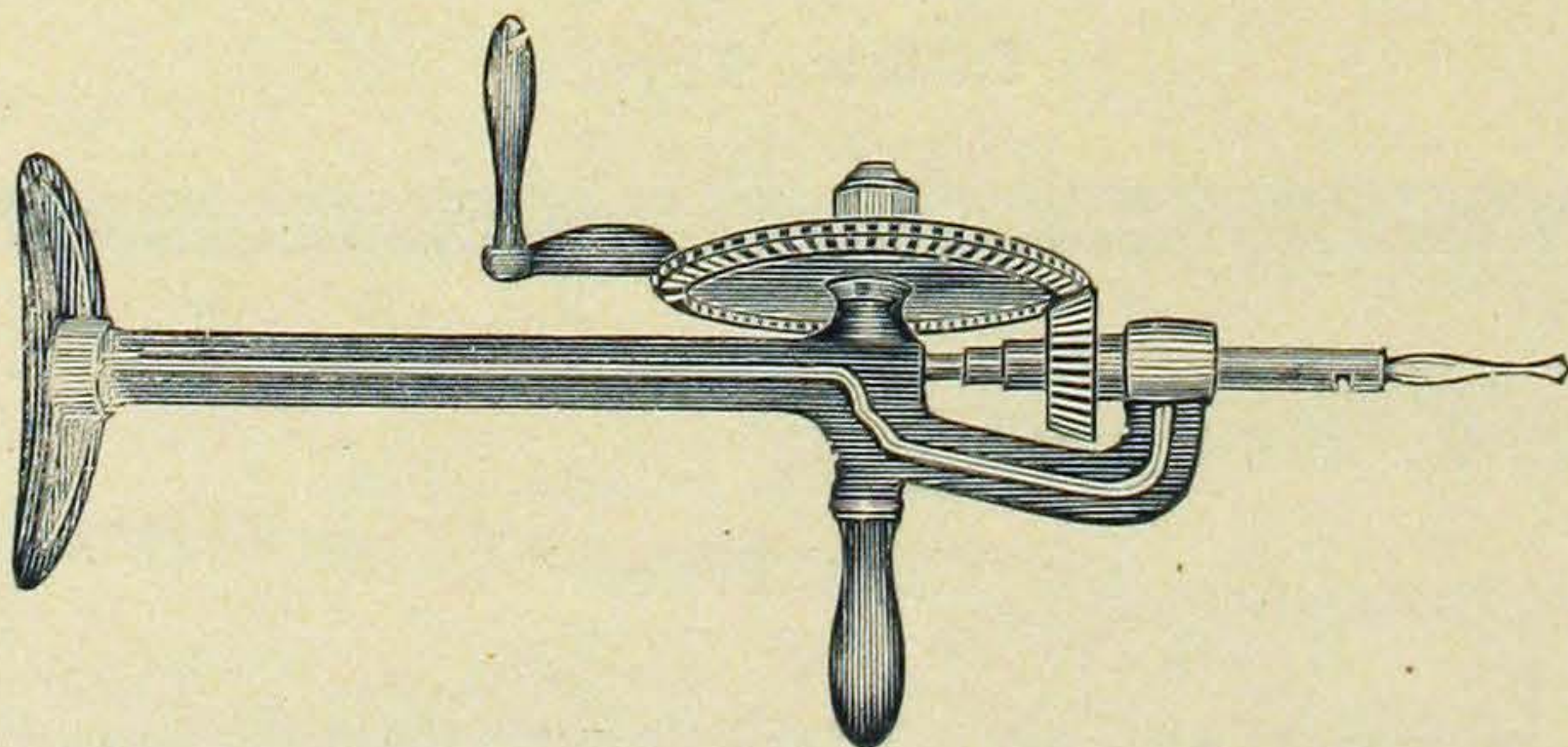
No. 2.



No. 2,

per dozen, \$31.70

No. 3.



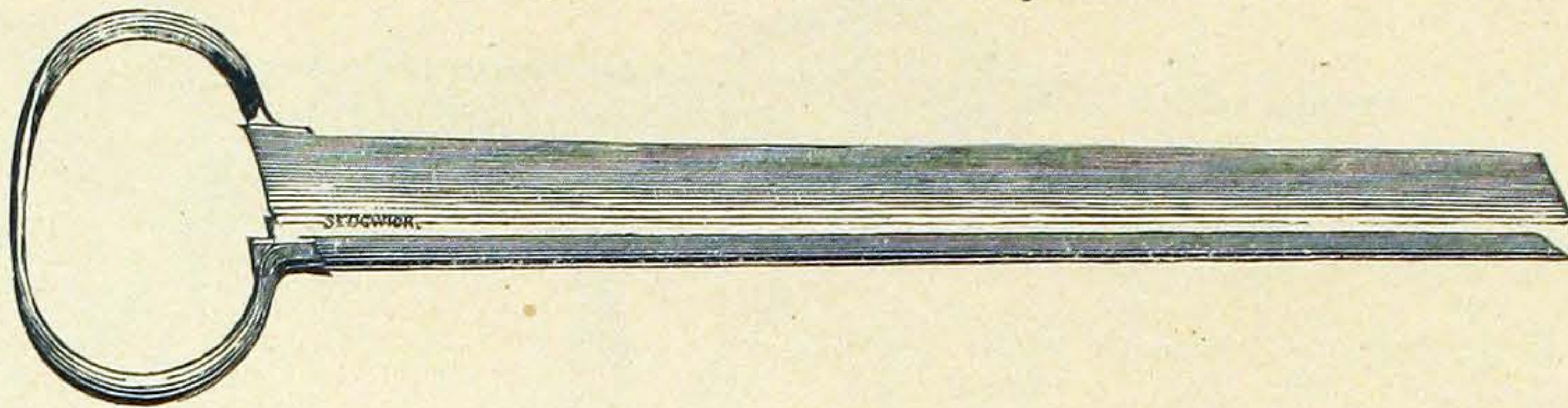
No. 3,

per dozen, \$21.00

AGENTS FOR

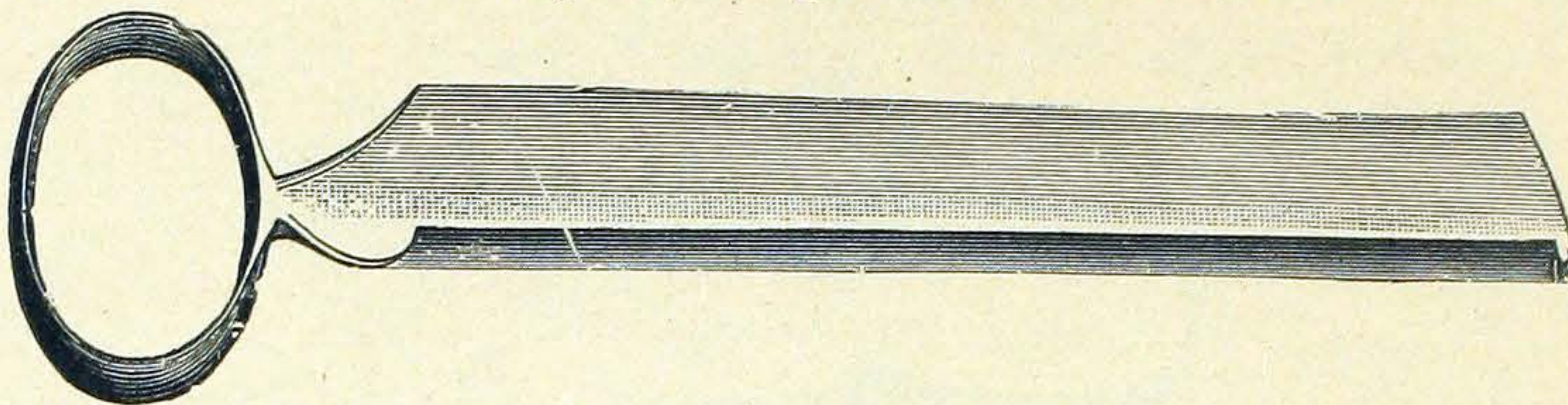
D. H. BURRELL & CO.

Cheese and Butter Tryers.



No. 2, Cheese Tryers, cast steel, japanned handles, per dozen,	4	5	6 in.
Nickel plated, extra, per dozen, \$1.50.	\$3.25	3.50	3.75
No. 5, Butter Tryers, cast steel, japanned handles, per dozen,	12	15	18
Nickel plated, extra, per dozen, \$3.00.	\$6.50	7.25	7.75
		21	24 in.
		8.50	9.25

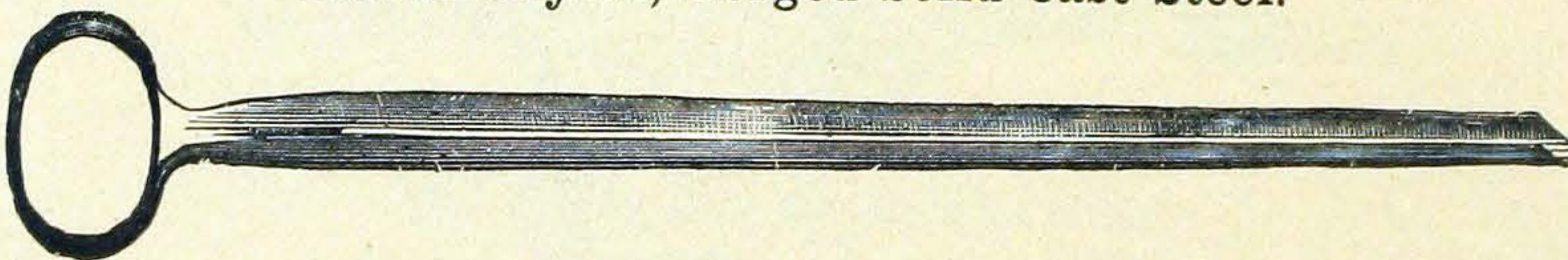
Cheese Tryers, Forged Solid Cast Steel.



TEMPERED.

No. 3, Solid cast steel, japanned handles, per dozen, $\frac{5}{8}$ wide,	4	5	6 in.
" 3, " " " " $\frac{3}{4}$ wide,	\$7.25	8.00	9.00
No. 4, Extra finished solid cast steel, polished handles, per dozen, $\frac{5}{8}$ wide,	8.25	9.00	10.00
" 4, " " " " $\frac{3}{4}$ wide,	10.00	11.00	12.00
Nickel plated, extra, per dozen, \$1.80.	11.00	12.00	13.00

Butter Tryers, Forged Solid Cast Steel.



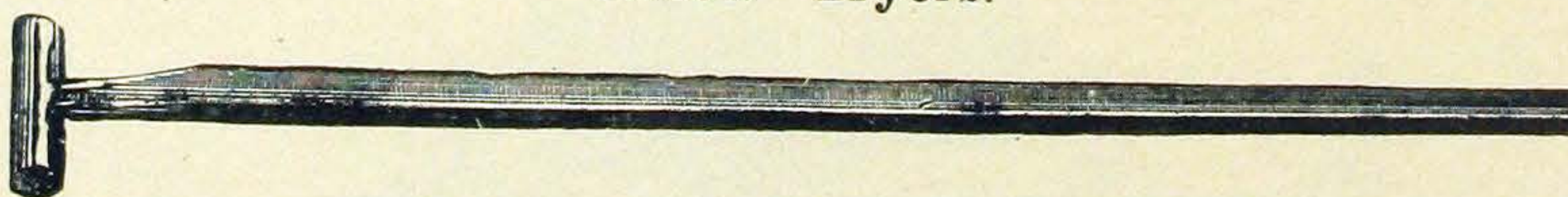
TEMPERED.

No. 6, Solid cast steel, japanned handles, per dozen,	18	21	24 in.
" 7, Extra finished, solid cast steel, polished handles, per dozen,	\$18.00	19.75	21.50
Nickel plated, extra, per dozen, \$4.00.	26.00	28.00	30.00

Butter Tryers, New Pattern Wood T-Handles.

No. 9, With rosewood handles, finely tempered and finished, per dozen,	18	21	24 in.
" 9, With ebony handles, finely tempered and extra finished, per dozen,	\$30.00	32.00	34.00
Nickel plated, extra, per dozen, \$4.00.	38.00	40.00	42.00

Tallow Tryers.



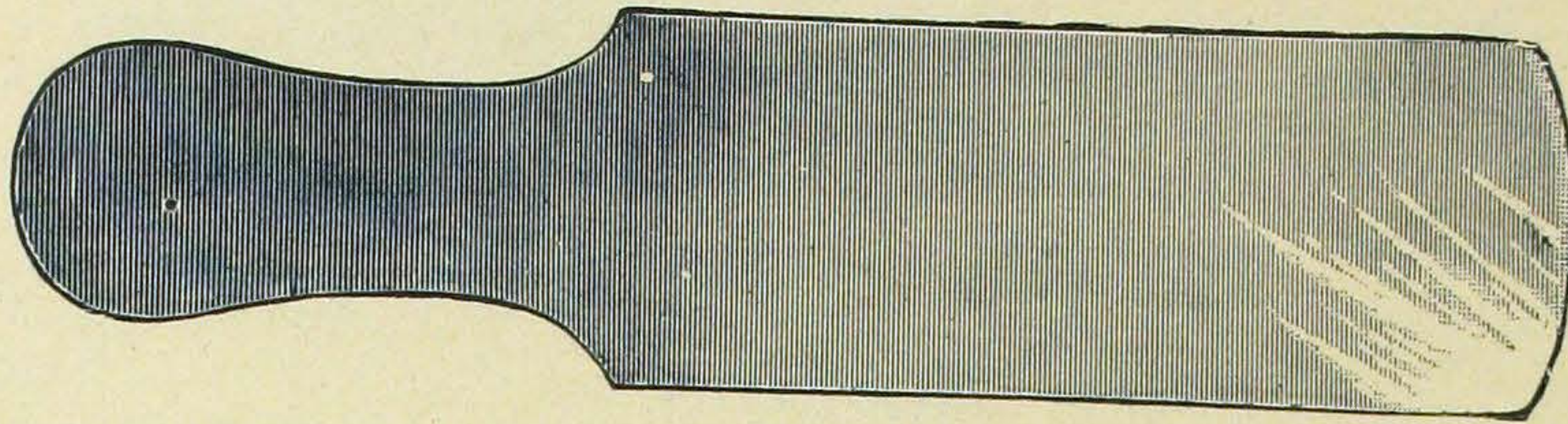
No. 10, Forged solid cast steel, T-handles, per dozen,	30	36 in.
Nickel plated, extra, per dozen, \$5.00.	\$32.00	36.00

Flour Tryers.



No. 8, Flour Tryers, cast steel, 28 inches, per dozen,		\$24.00
Nickel plated, extra, per dozen, \$3.00.		

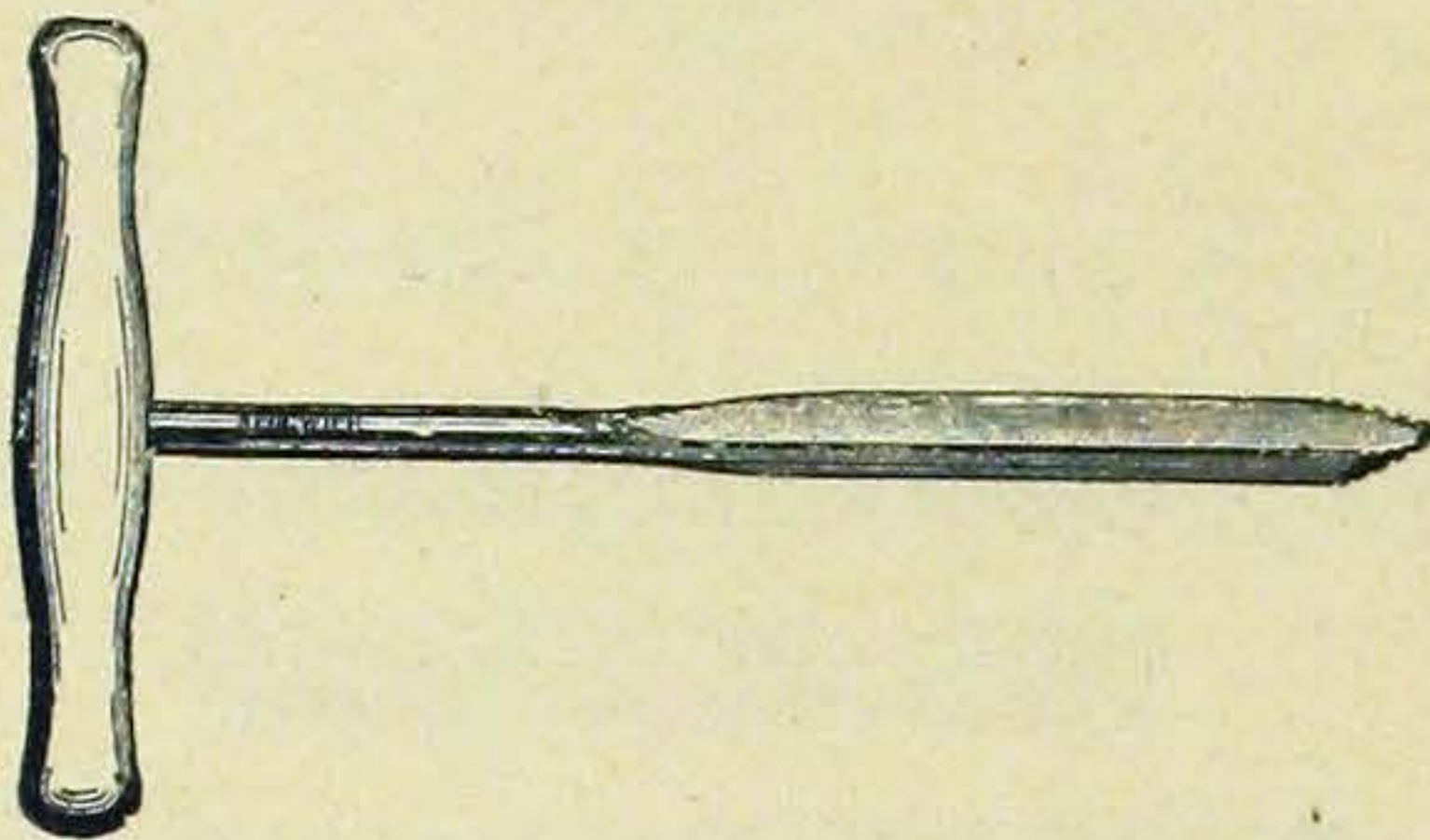
Flour Testers.



No. 24, Flour Testers, cast steel, nickel plated,
Special, " " " "

per dozen, \$3.00
" 4.00

Flour and Sugar Augers.



No. 11, Improved flour and sugar auger, solid cast steel, rosewood handle, with gimlet point and cutting screw, which bore easily a smooth and true hole through any cask or barrel without splitting the wood.

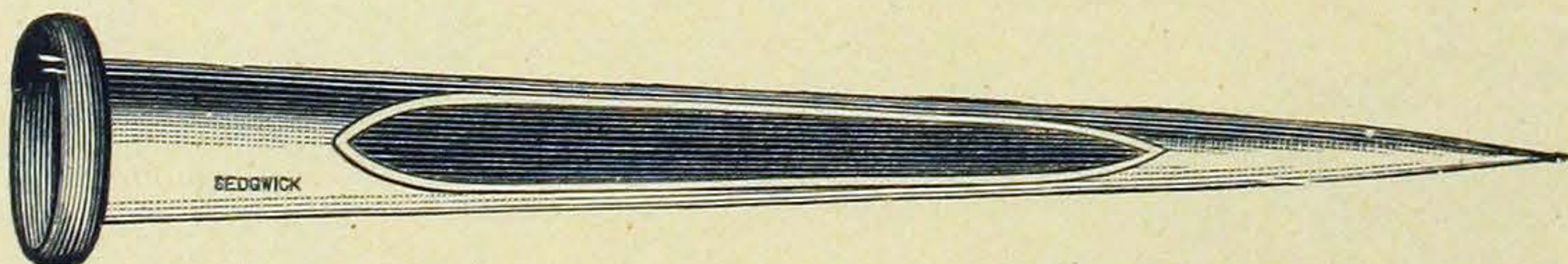
10	12	15	18	21	24	inch.
\$19.00	22.00	28.00	34.00	40.00	45.00	per dozen.

Nickel plated, extra, per dozen, \$4.00.

Flour and sugar auger, cast steel without screw, for sampling only.

10	12	15	18	21	24	inch
\$15.00	18.00	24.00	30.00	35.00	40.00	per dozen.

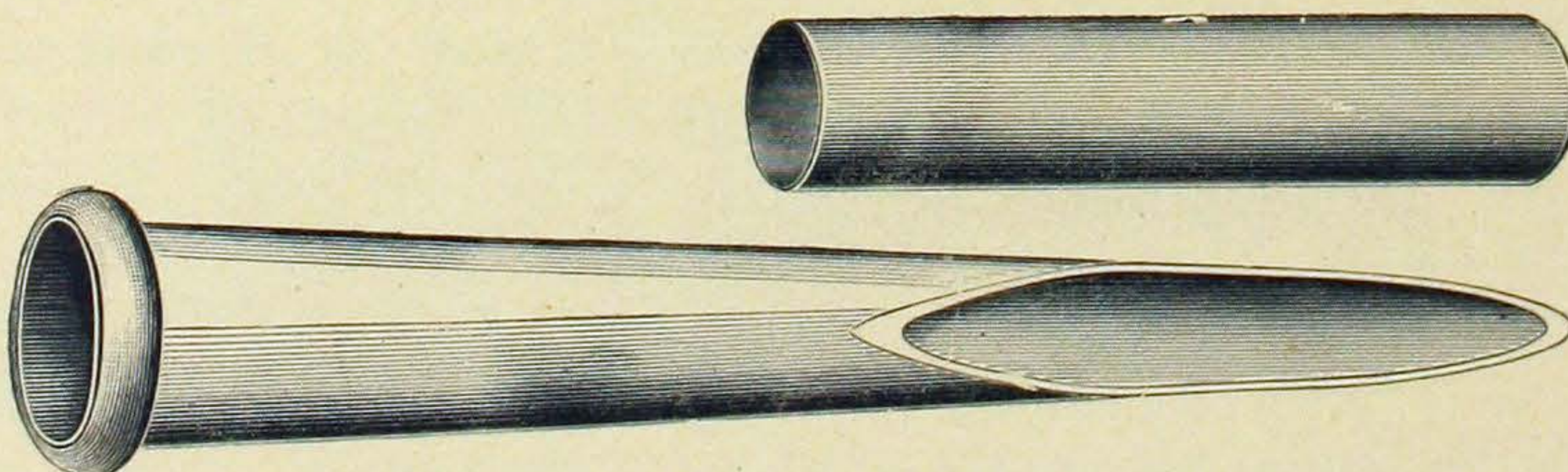
Coffee Tryers.



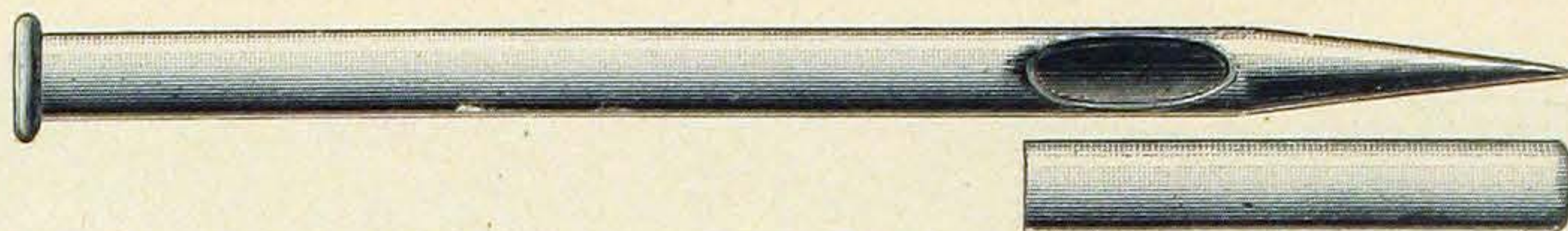
No. 12, Coffee Tryers, cast steel, with solid points, 9 inches, per dozen, \$12.00
" 12, " " " " " 12 " " 15.00

Nickel plated, extra, per dozen, \$3.00.

Wheat Tryers.

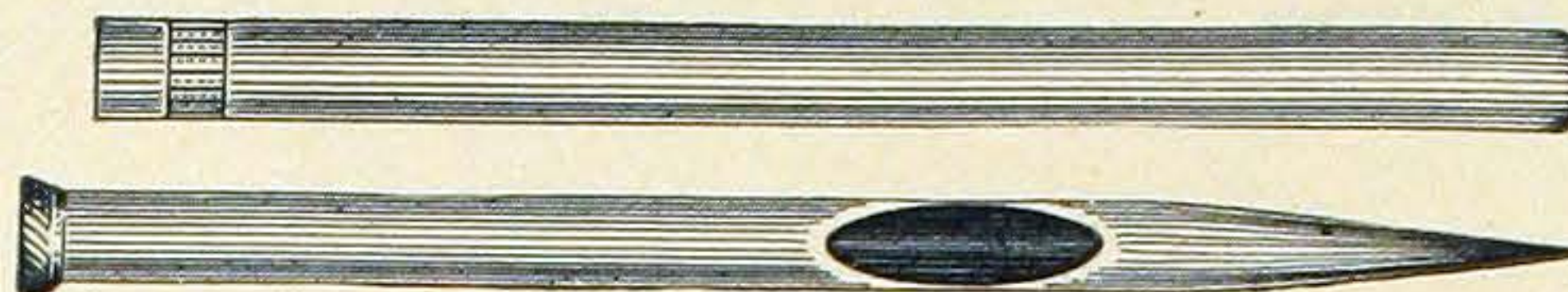


No. 1, Wheat Tryers, with sheath, nickel plated, per dozen, \$11.00

Grain Tryers.

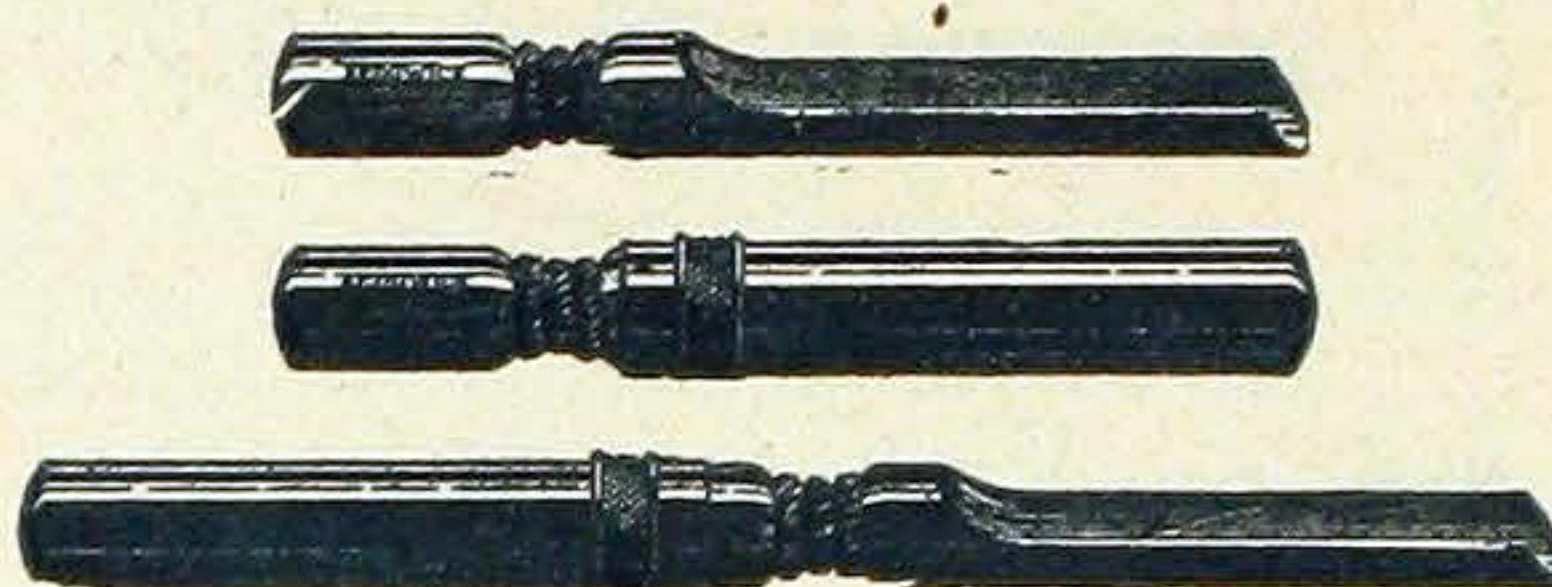
No. 13, Grain Tryers, with sheath, nickel-plated,

per dozen, \$10.00

Seed Tryers.

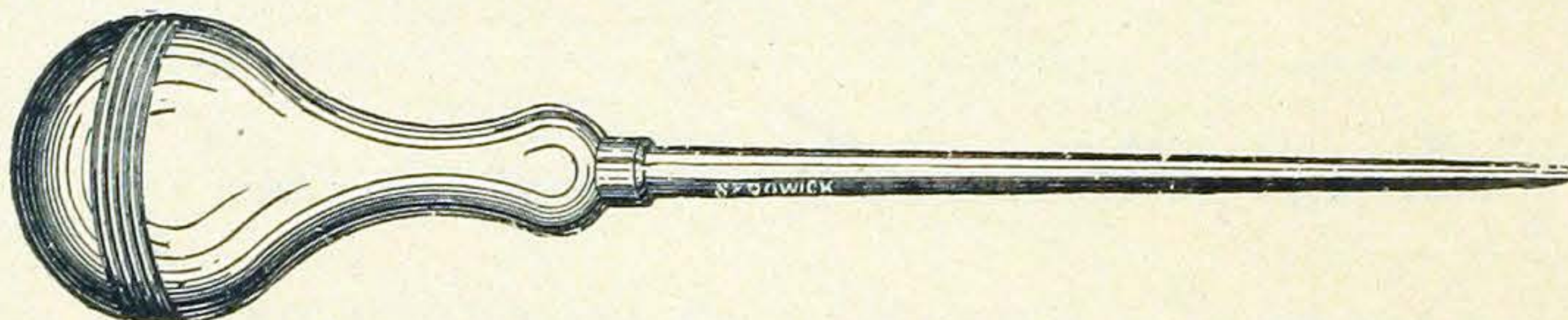
No. 14, Seed Tryers, with case, nickel-plated,

per dozen, \$10.00

Pocket Butter and Cheese Tryers.

No. 15, Nickel-plated solid steel Pocket Tryers, with case, easily cleaned, and keeps clean in the pocket,

per dozen, \$3.00

Ham Tryers.

No. 16, Oval blade,

per dozen, \$3.00

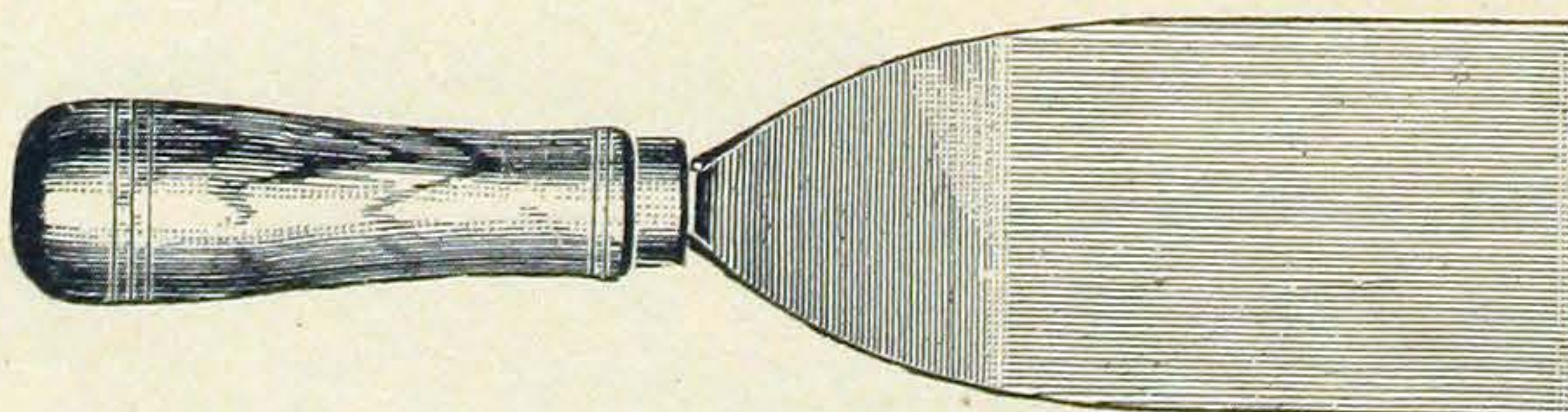
Ham Stringers.

No. 17, With solid eye or slotted,

per dozen, \$4.00

Butter Spade.

SOLID CAST STEEL.

No. 18, For cutting and extracting butter, lard, tallow, etc., from a tub or firkin, tinned,
Nickel-plated,

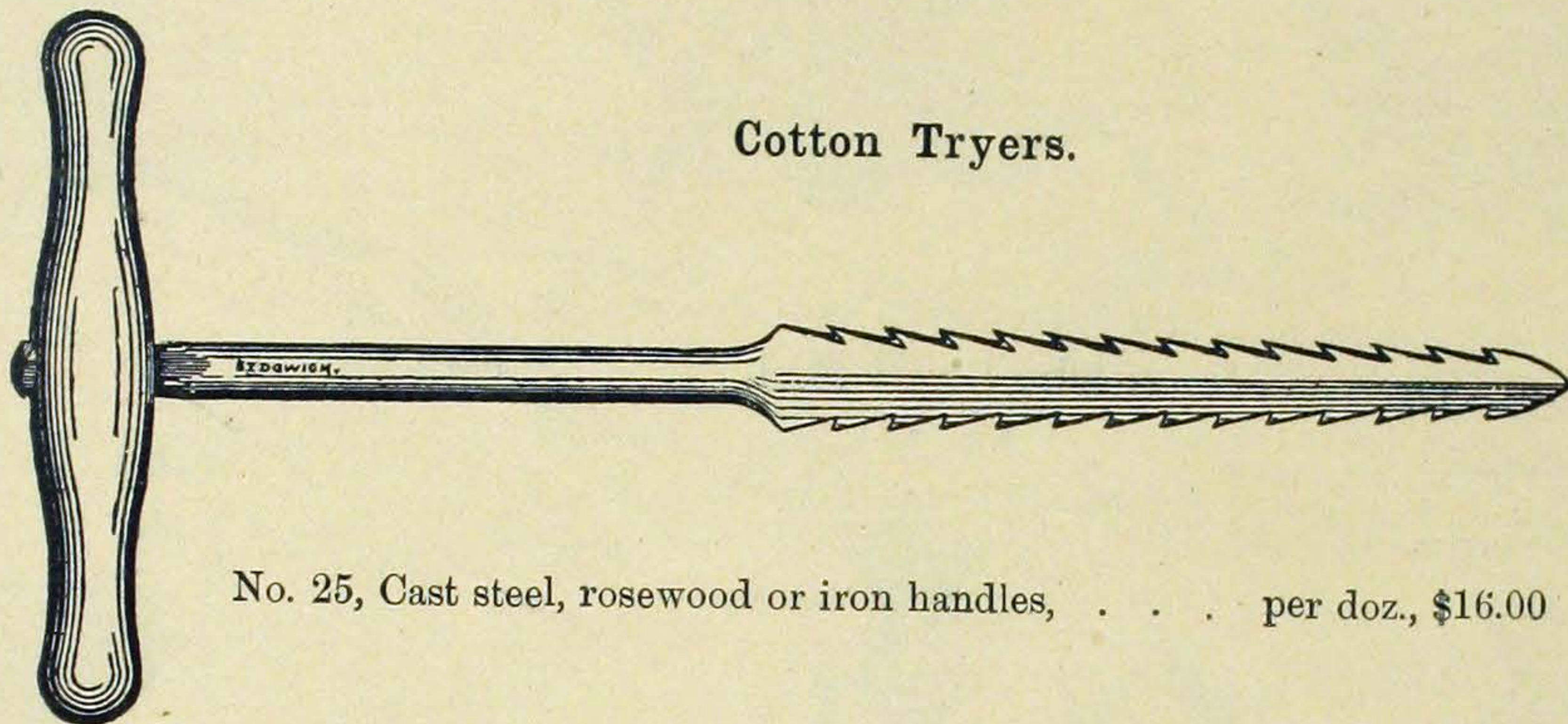
per dozen, \$9.00

" 10.00

Cheese Knife.



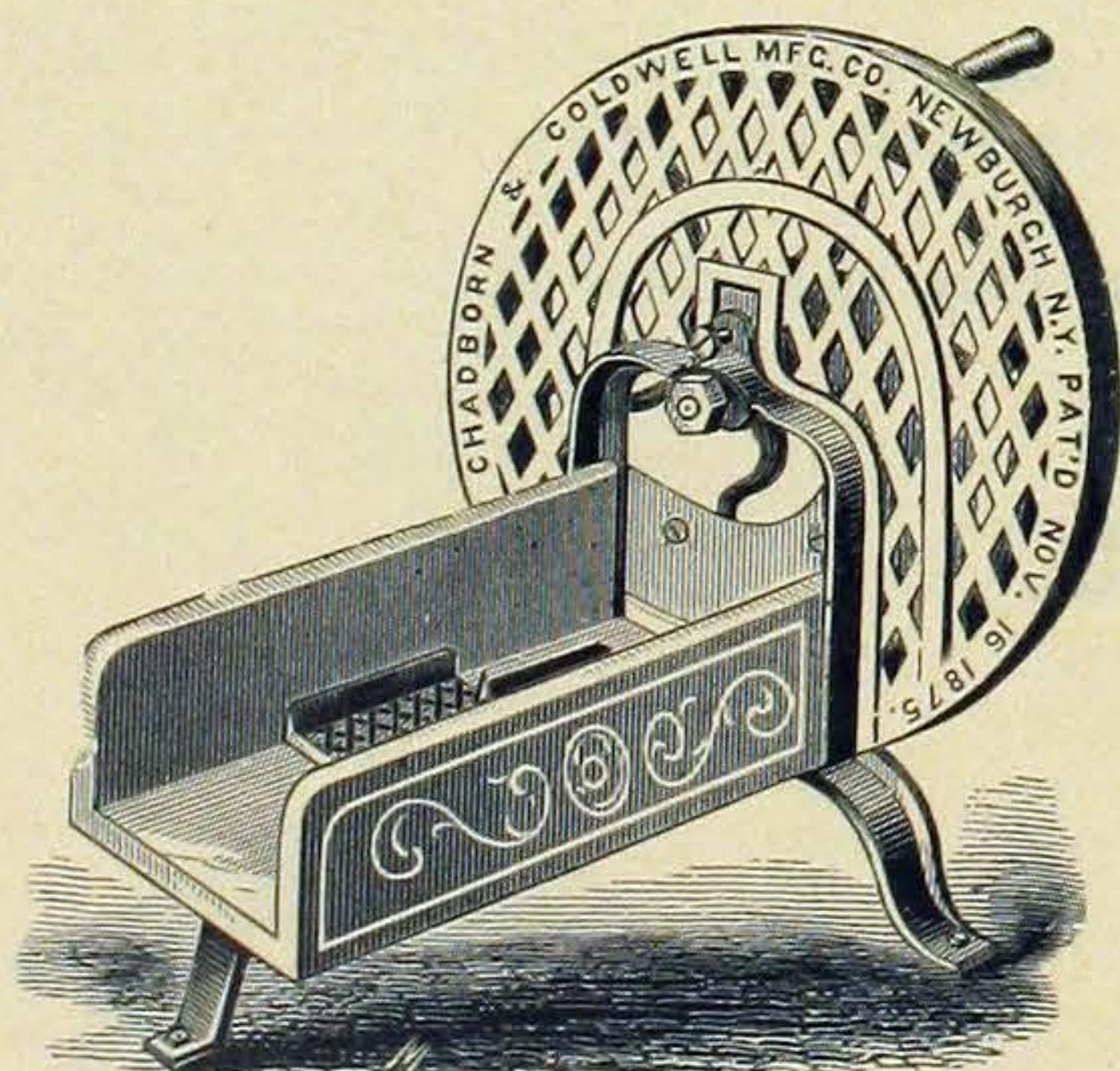
No. 19, Cheese Knife, rosewood handle, tinned,		12	14 in.
Nickel plated,	per dozen,	\$9.00	10.00
" 20, Cheese Knife, iron handle, tinned,	"	10.00	11.00
Iron handle, nickel plated,	"	8.00	9.00
	"	9.00	10.00



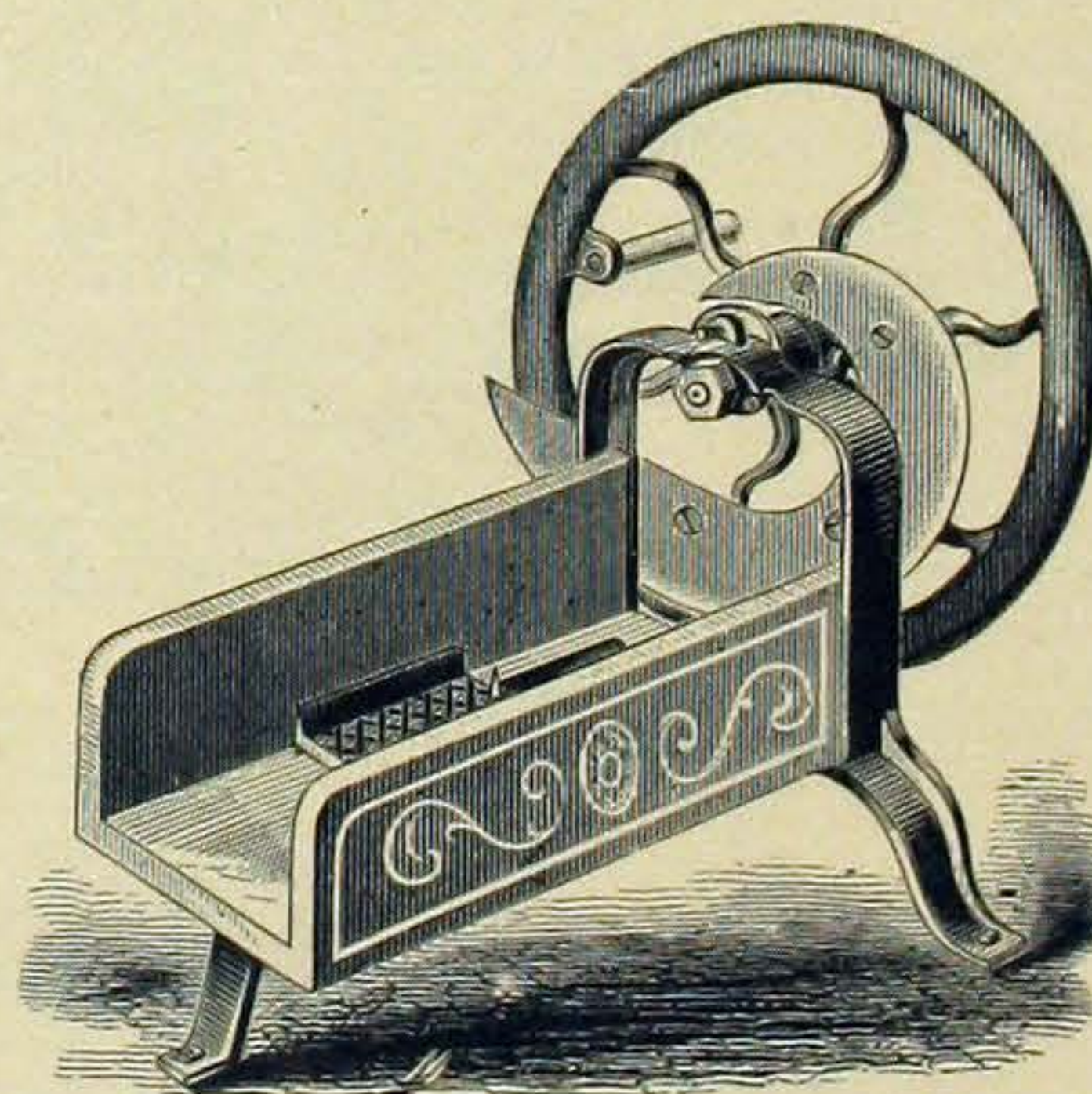
Cotton Tryers.

No. 25, Cast steel, rosewood or iron handles, . . . per doz., \$16.00

CHADBORN'S AUTOMATIC SMOKED BEEF CUTTER.



WITH GUARD IN POSITION FOR USE.



WITH GUARD REMOVED FOR SHARPENING KNIFE, &C.

Whoever has had experience in cutting DRIED BEEF will be pleased to know that our AUTOMATIC CUTTER is *simple in construction, easy of operation, does perfect work, and will not, with ordinary care, get out of order.*

Grocers will be interested in the fact that this cutter works equally well on soft green beef as with hard dried beef, and the slices are entirely uniform in thickness.

The feed is variable, and thickness of slice can be changed at pleasure. The knife rarely needs sharpening, but when it does, remove guard and whet on beveled side.

DIRECTIONS.—Screw firmly to bench or counter. Always keep the slide in the bottom of the box, with the *points toward the knife.*

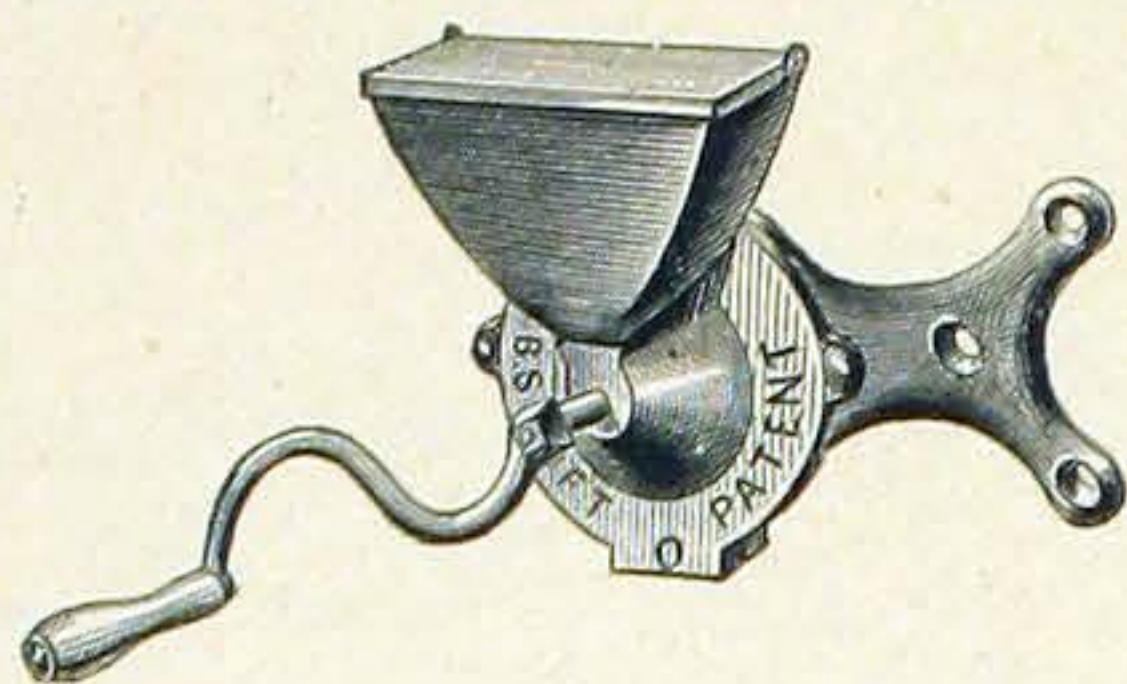
Price, \$7.50

AGENTS FOR
LANE BROTHERS.

MILLS FOR FAMILY USE.

Side Mill.

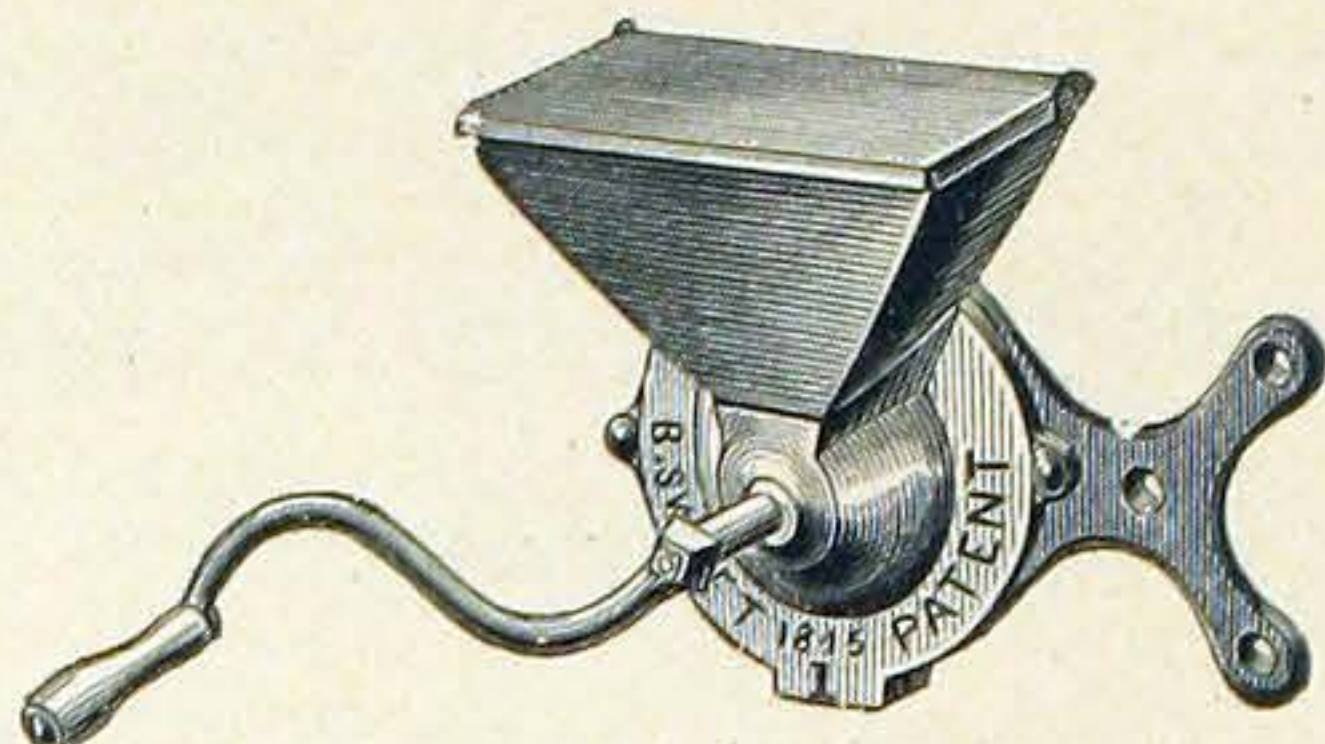
No. 0.



Per dozen, . . . \$9.00

Side Mill.

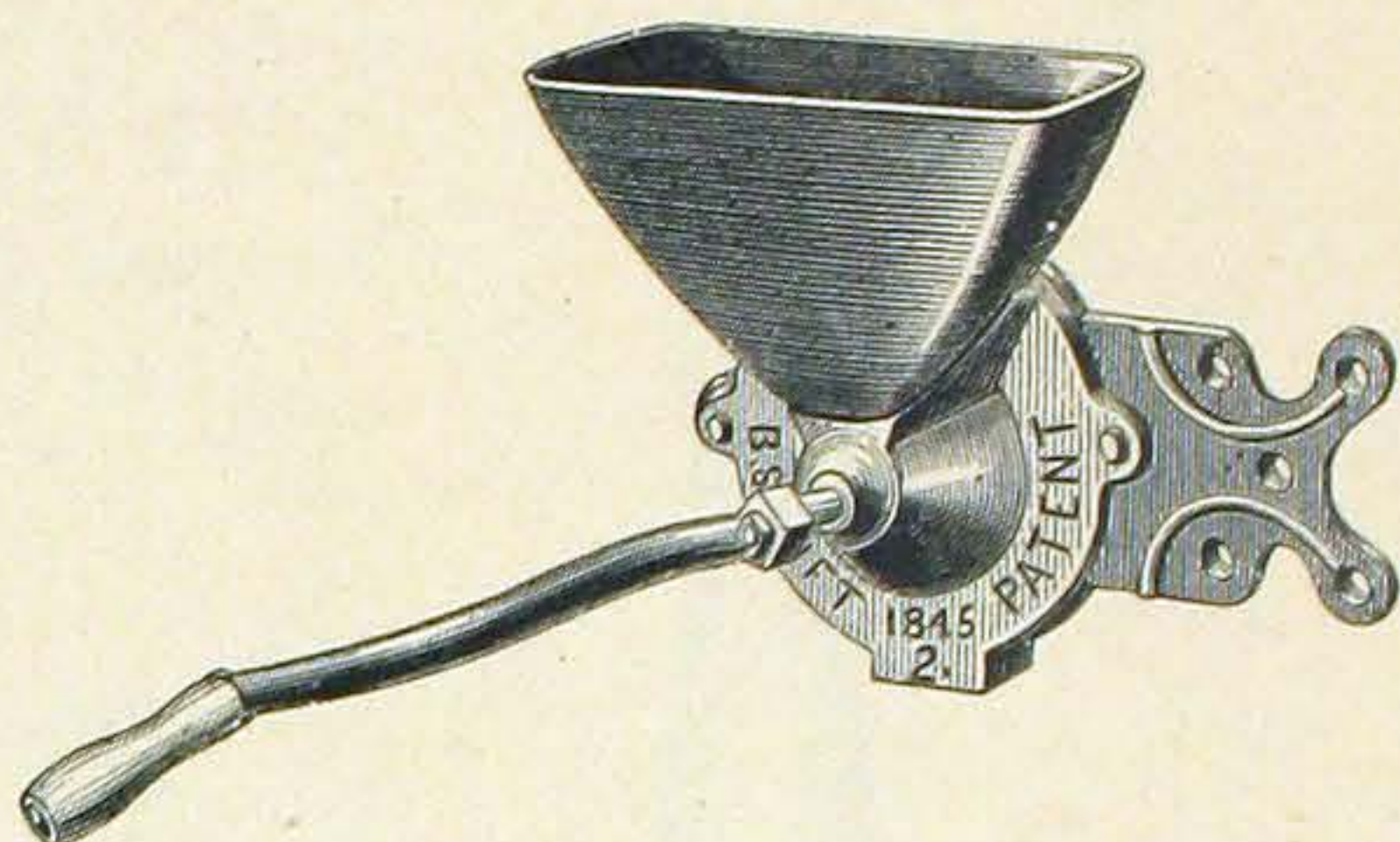
No. 1.



Per dozen, . . . \$14.00

Side Mill.

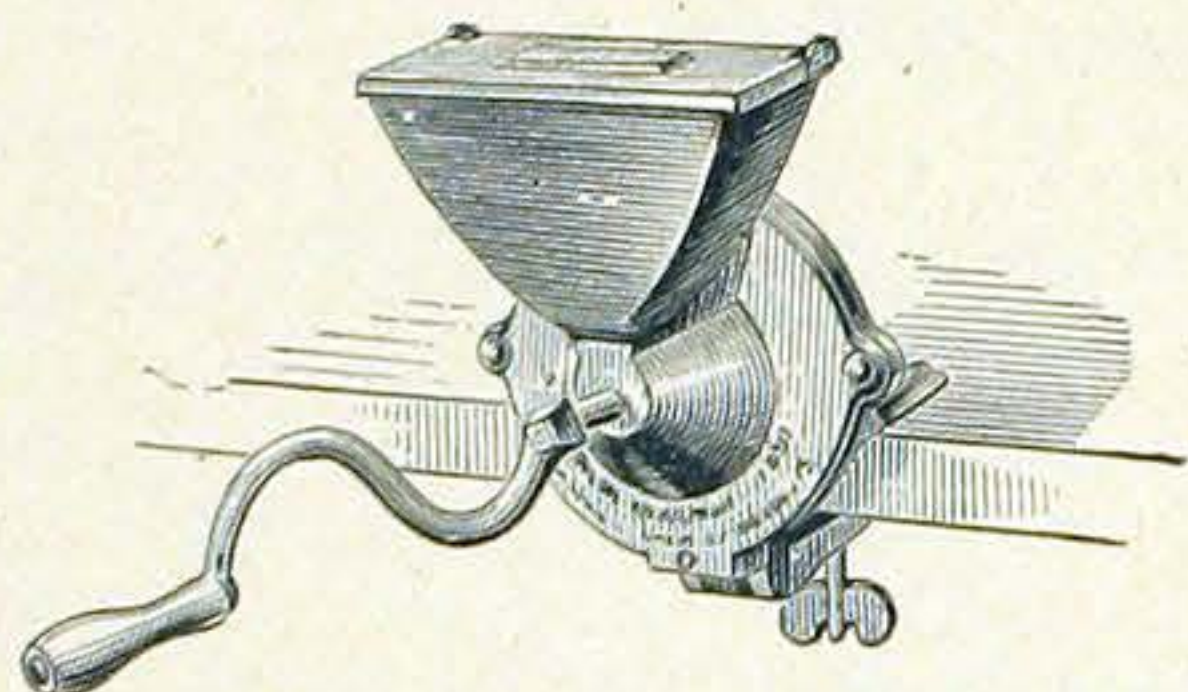
No. 2.



Per dozen, . . . \$22.00

Table Mill.

No. 10.



Per dozen, . . . \$9.50

The Swift Mill.

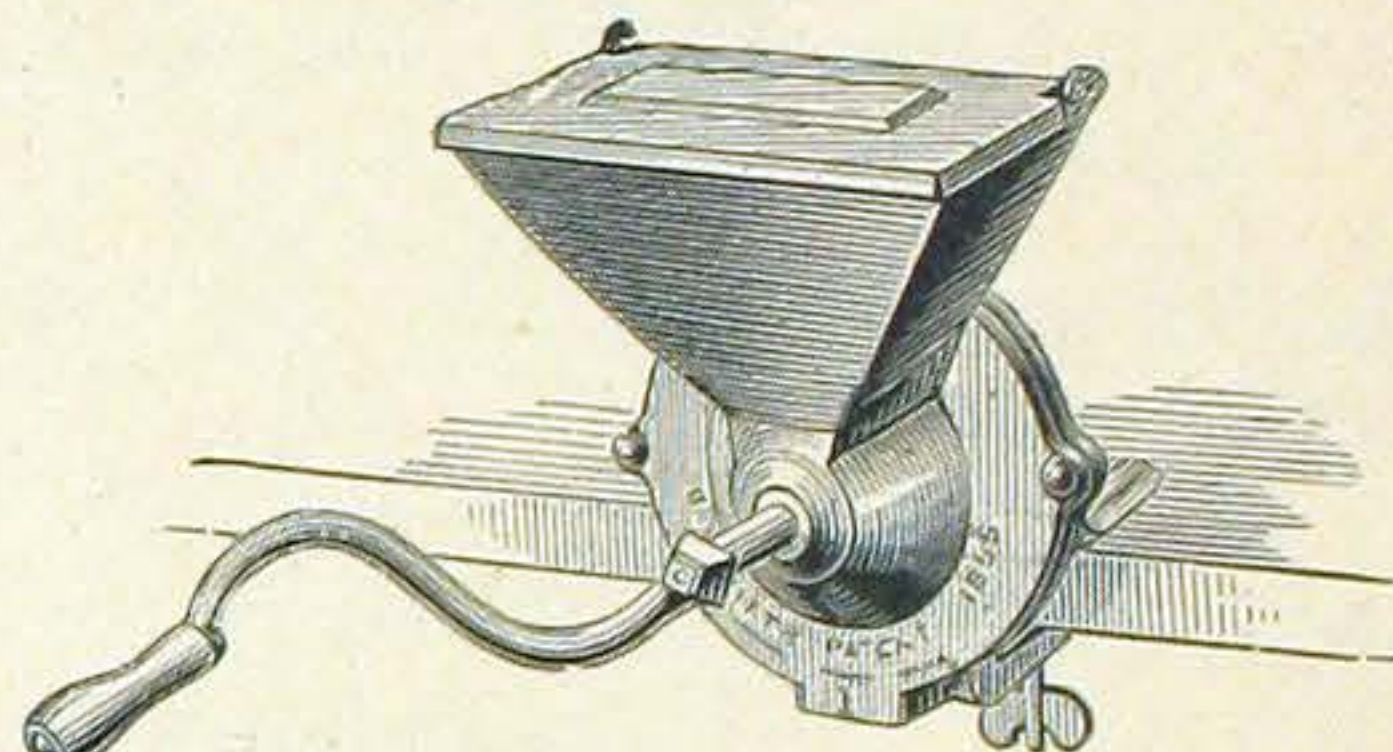
No. 11½.



Per dozen, . . . \$24.00

Table Mill.

No. 11.



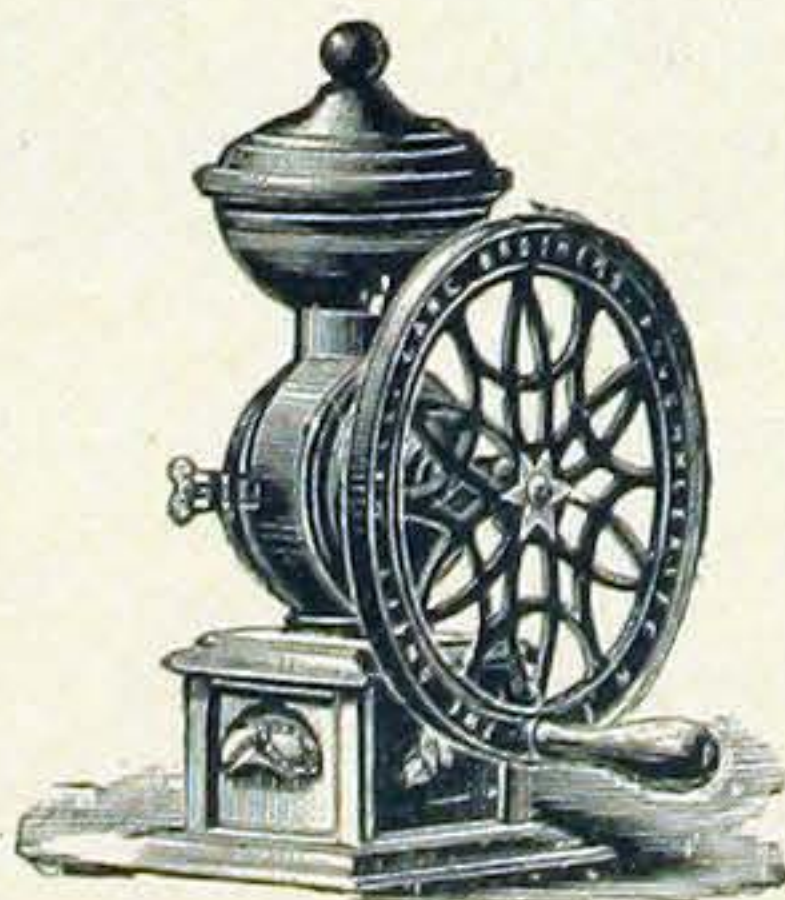
Per dozen, . . . \$15.00

Our Patent Table Mills for family use meet the wants of a large class. No tools are required to place them in position, as they can be firmly secured to an ordinary table or shelf by simply turning a thumb screw, and as easily removed, if desired, when not in use.

We think their advantage in many cases over those in common use will be fully appreciated on inspection. They are packed in boxes, one dozen or one-half dozen each, as desired.

THE SWIFT MILL.

No. 12.

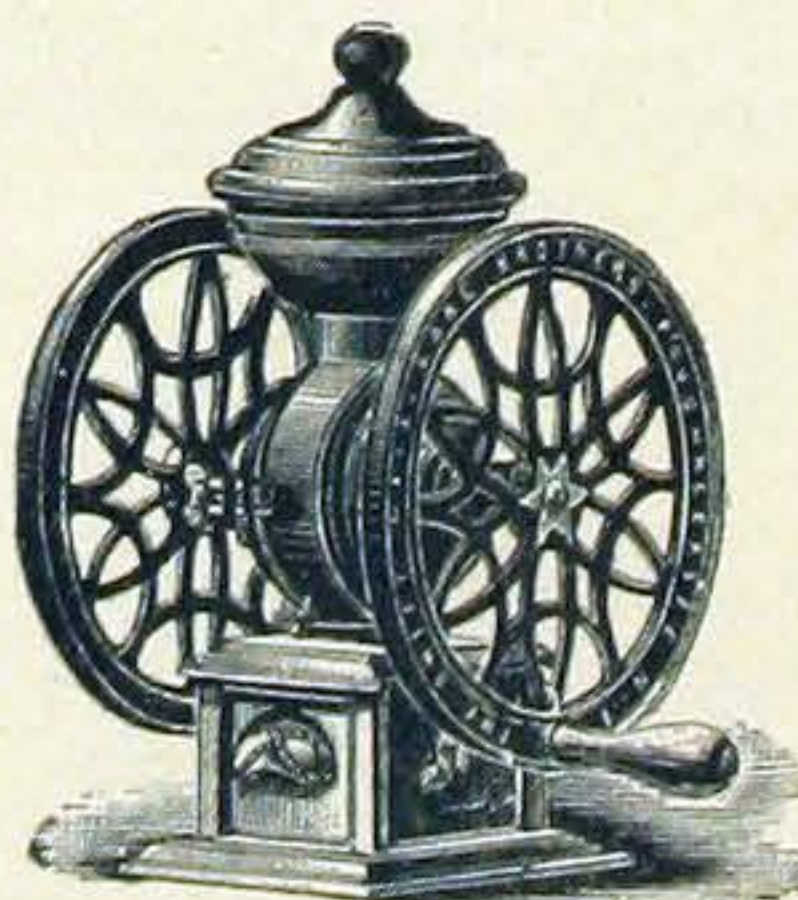


Price, . . . \$2.50

This mill has one nine-inch fly-wheel, with handle attached, iron hopper and closed drawer, holding from one-quarter to one-half pound coffee. The mill may be opened in the same manner as the larger sizes, and is finished in vermillion and gold.

Grinds nearly half pound coffee per minute.

No. 12½.



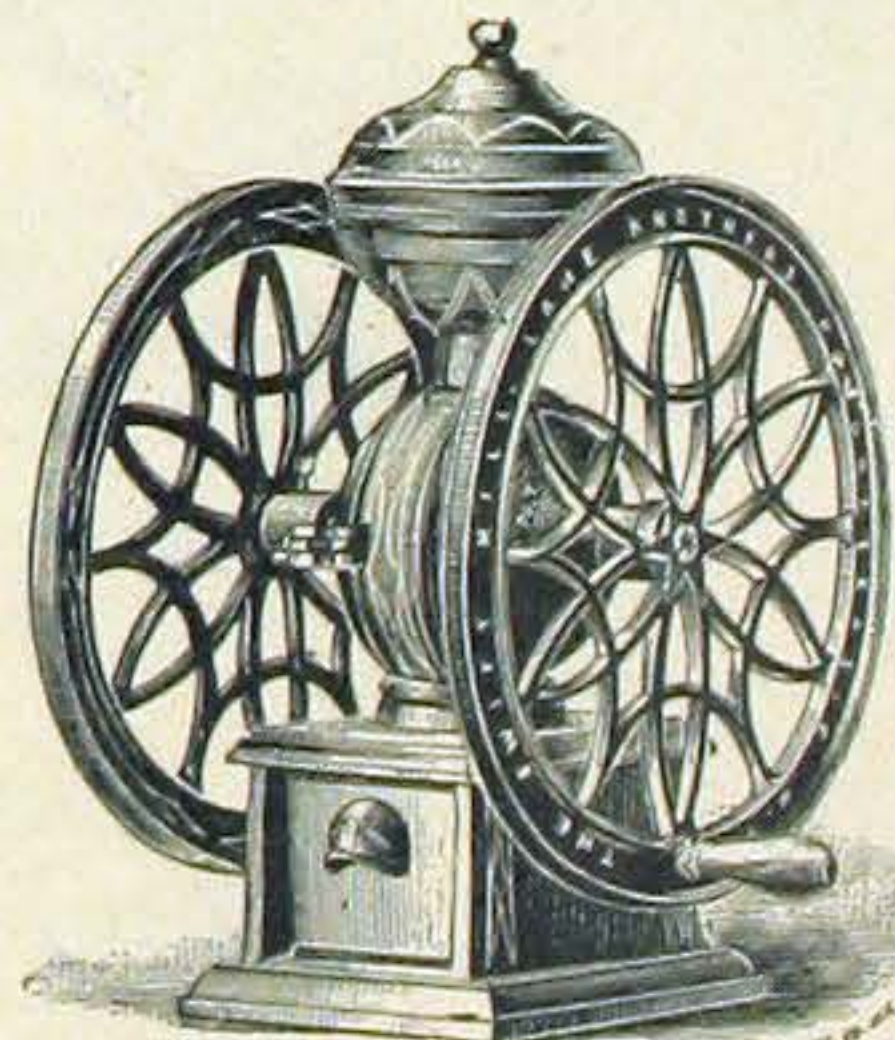
Price, . . . \$3.50

This mill has two nine-inch fly-wheels, and is otherwise similar to No. 12.

It is nicely finished and very ornamental.

Grinds nearly half pound coffee per minute.

No. 13.



Price, . . . \$5.00

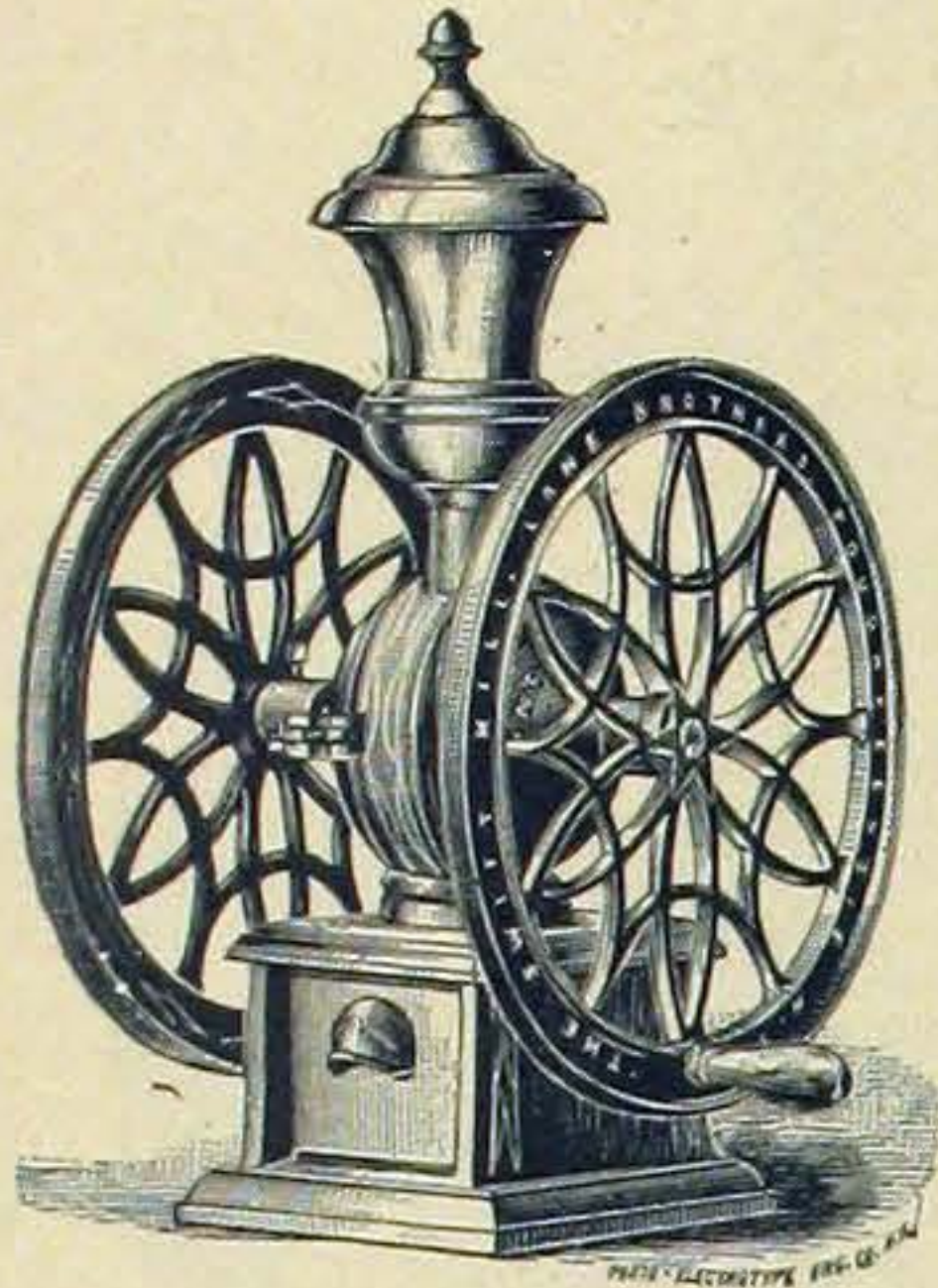
This mill has a drawer for receiving coffee, two twelve-inch fly-wheels, and is finished in the same manner as the larger sizes, in red and gold.

Its method of opening is also similar, and is shown by cut.

CAPACITY.—About three-quarters of a pound of coffee per minute.

THE SWIFT MILL.

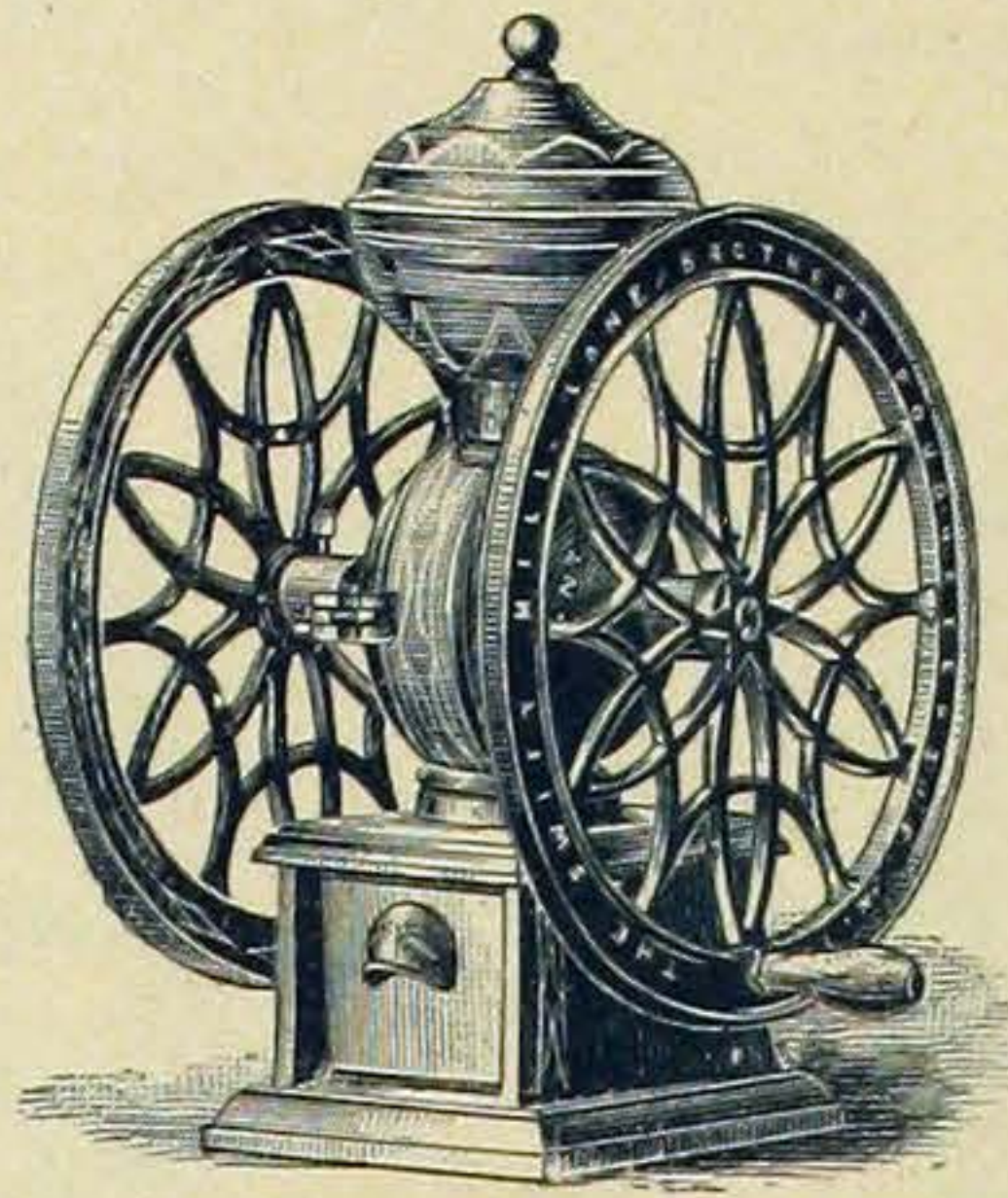
No. 13½.



Price, \$9.00

Is same size and capacity as No. 13, but having a brass or nickel plate hopper, and very ornamental.

No. 14.

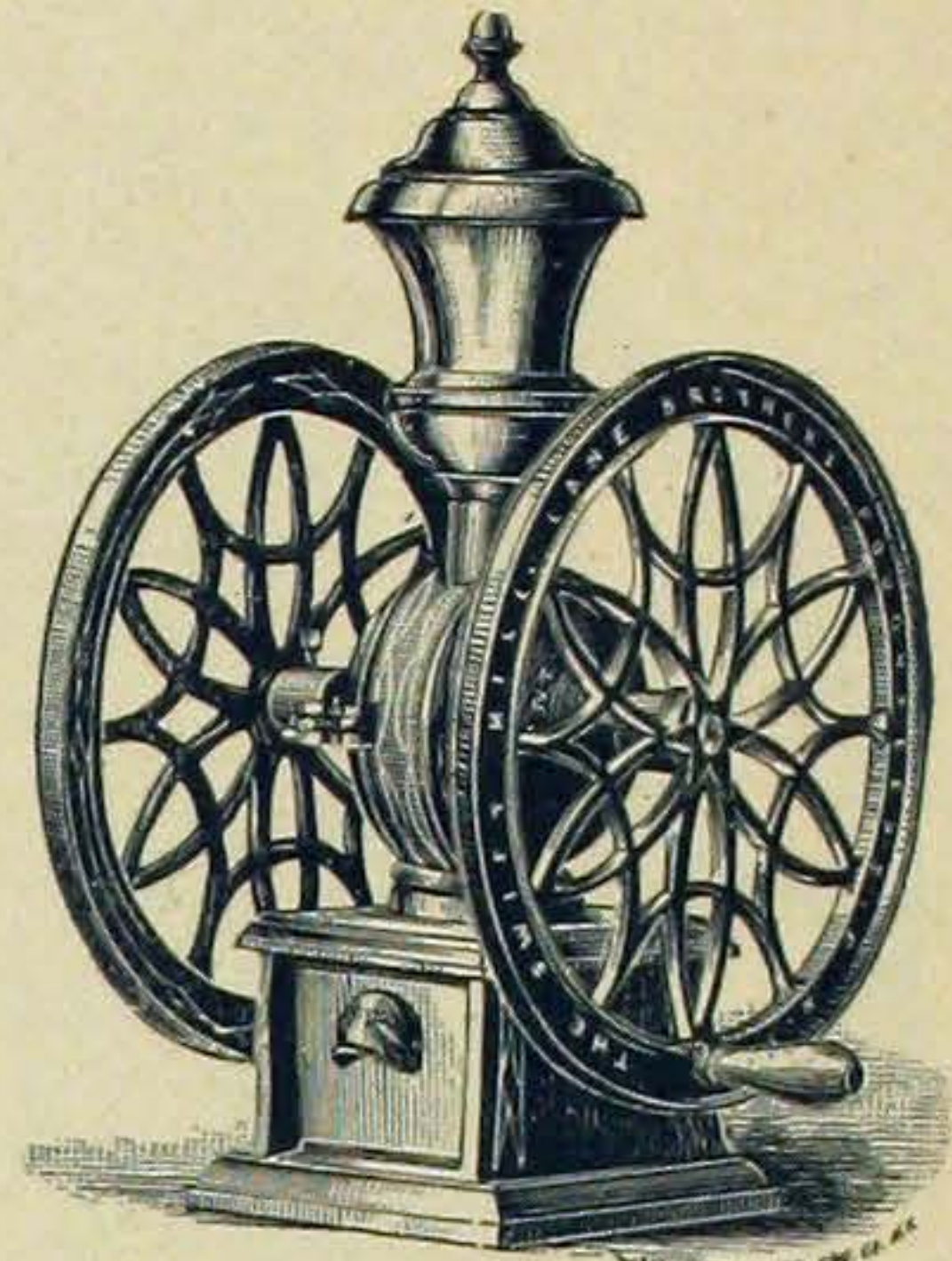


Price, \$8.00

This mill has two fifteen-inch fly-wheels, iron hopper and drawer, is highly ornamented, the ground colors being red and gold.

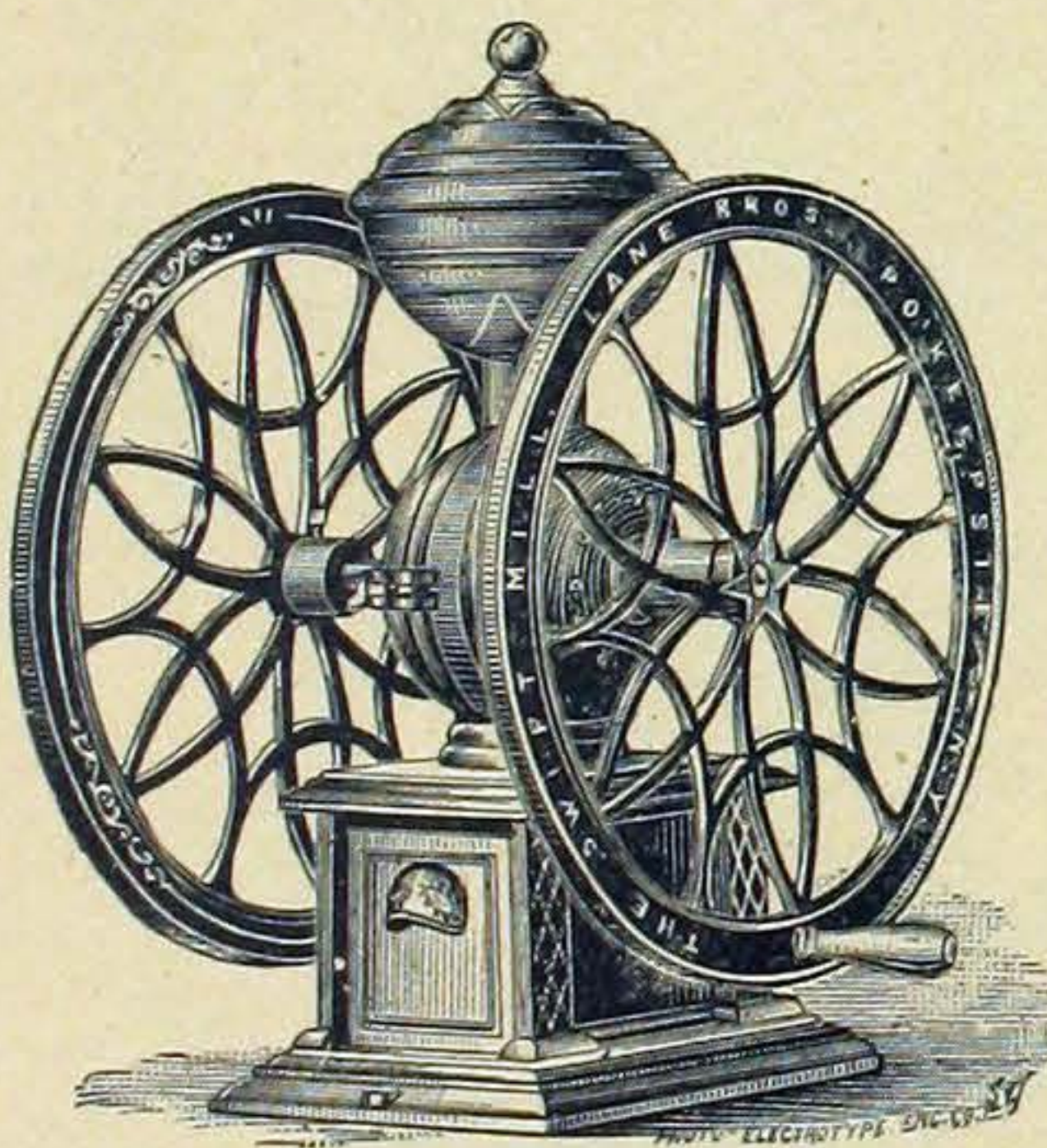
CAPACITY—About one pound coffee per minute.

No. 14½.



Price, \$12.00

This mill has nickel plate hopper (or brass, if preferred), two fifteen-inch fly-wheels, and standing twenty-one and a half inches high, grinding one pound coffee per minute; finished in deep vermillion and gold, being profusely ornamented.

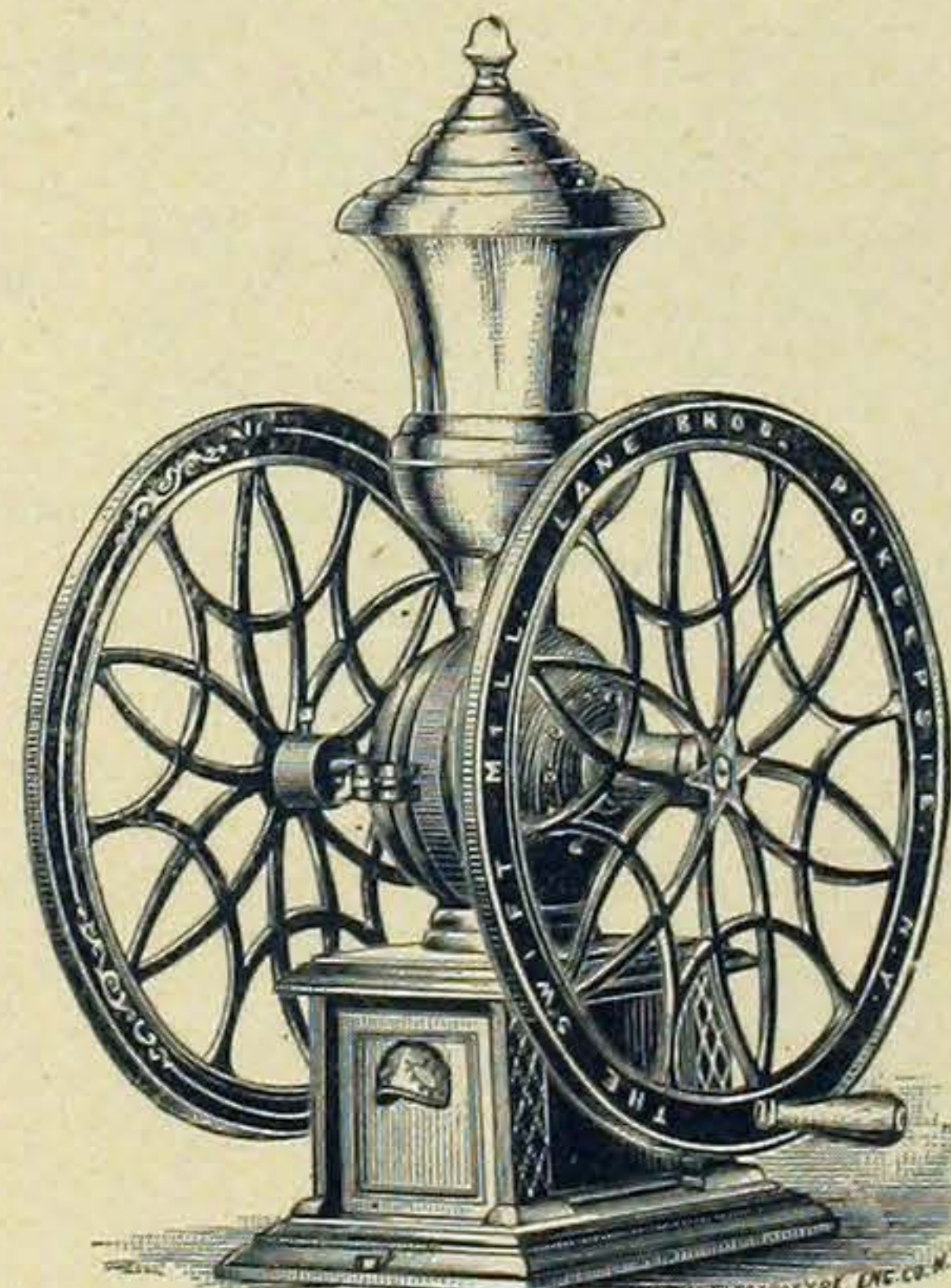


No. 140.

Price, \$12.00

This mill is twenty-two inches high, and weighs fifty-five pounds uncrated; has two seventeen-inch fly-wheels.

CAPACITY—One and one-quarter pounds per minute.

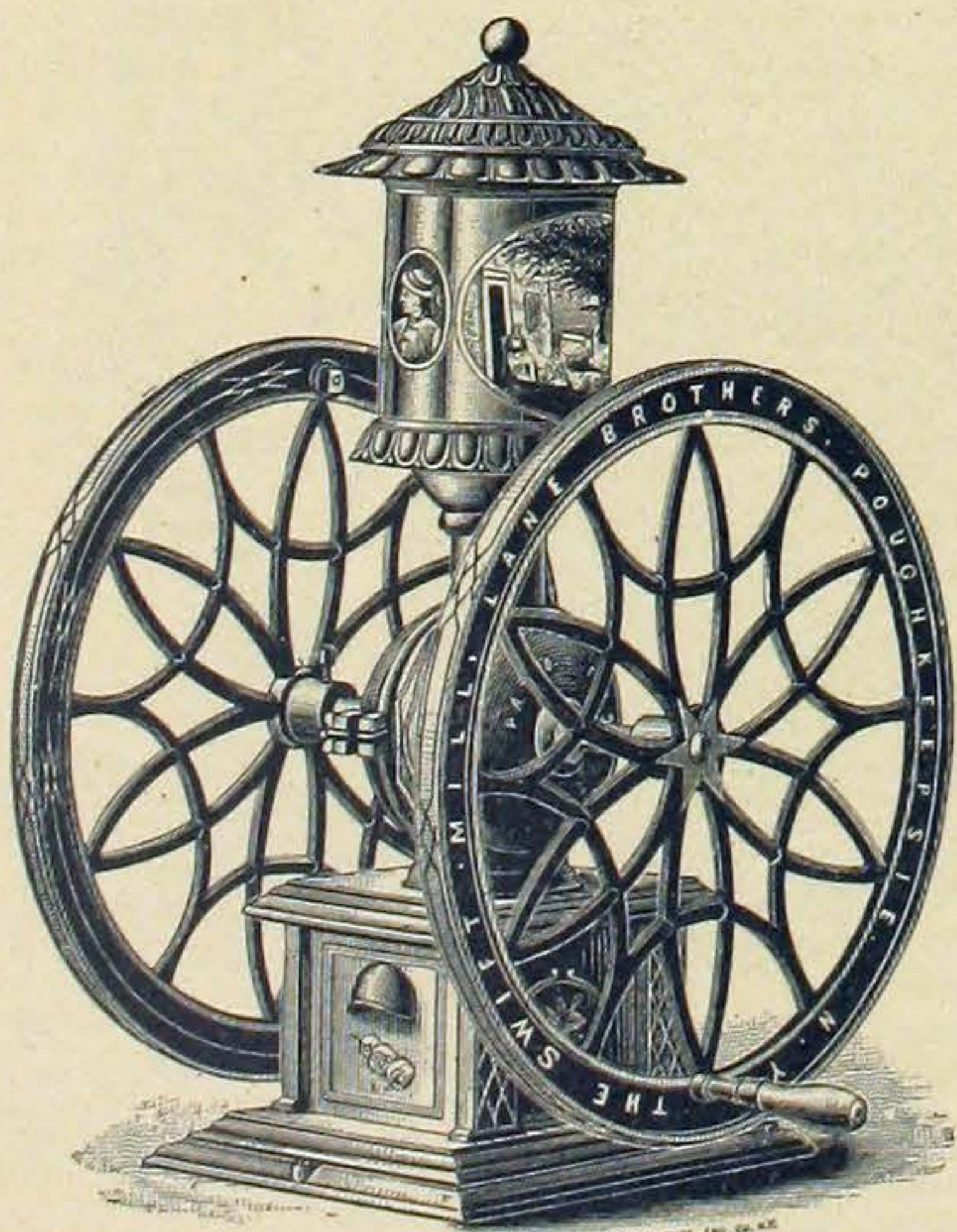


No. 140½.

Price, \$17.00

This mill is similar to No. 140, except that it has a nickel plated hopper. Has two seventeen-inch fly-wheels, and is a very handsome mill.

CAPACITY—One and one-quarter pounds per minute.

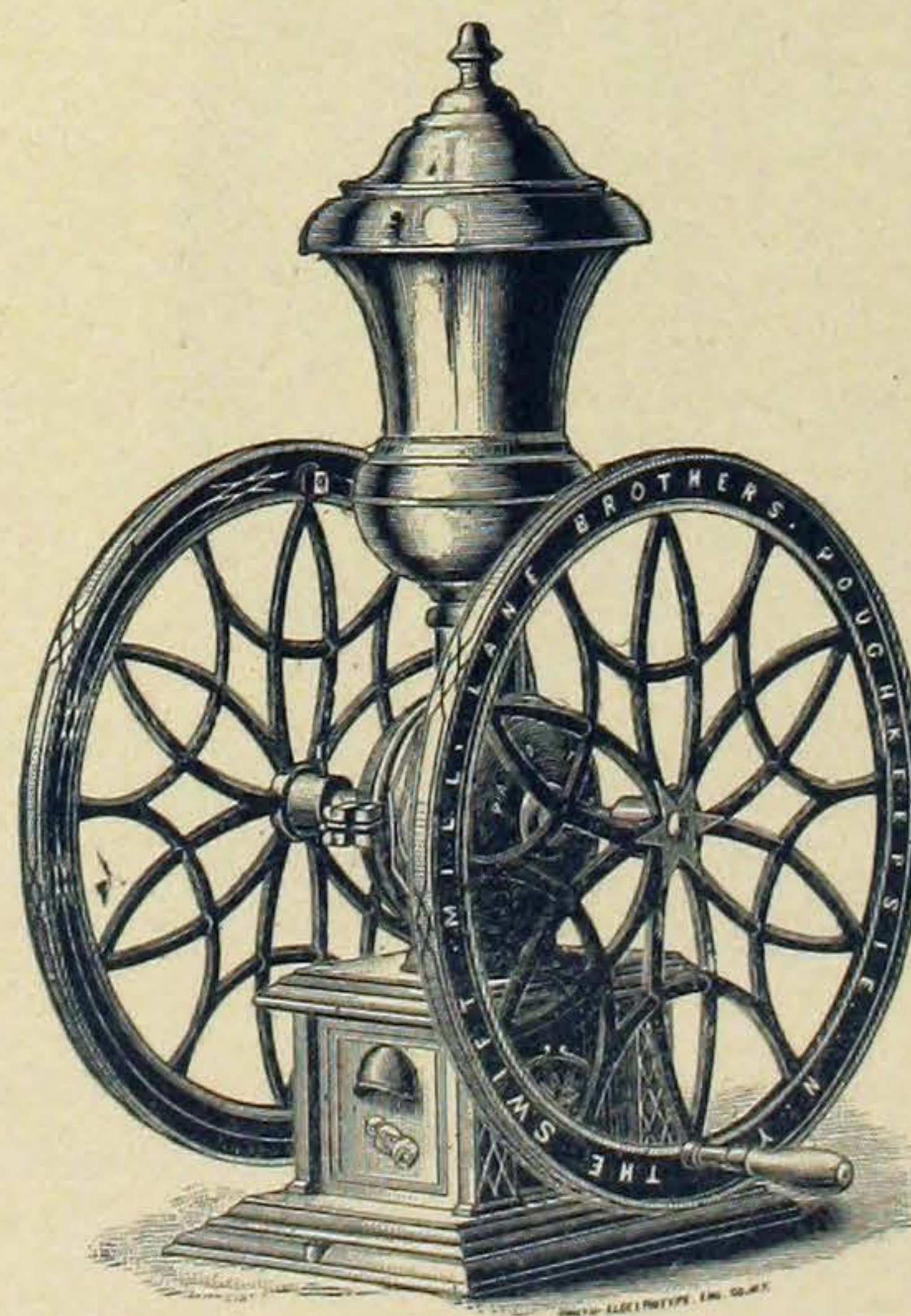


No. 15.

Crated, \$15.00

This is a very neatly designed and convenient sized mill, finished in vermillion, jet black and gold, having a close drawer for receiving coffee, with two twenty-inch fly-wheels, and our patent method of opening for brushing out or removal of obstructions.

CAPACITY—About one and a half pounds per minute.



No. 15½.

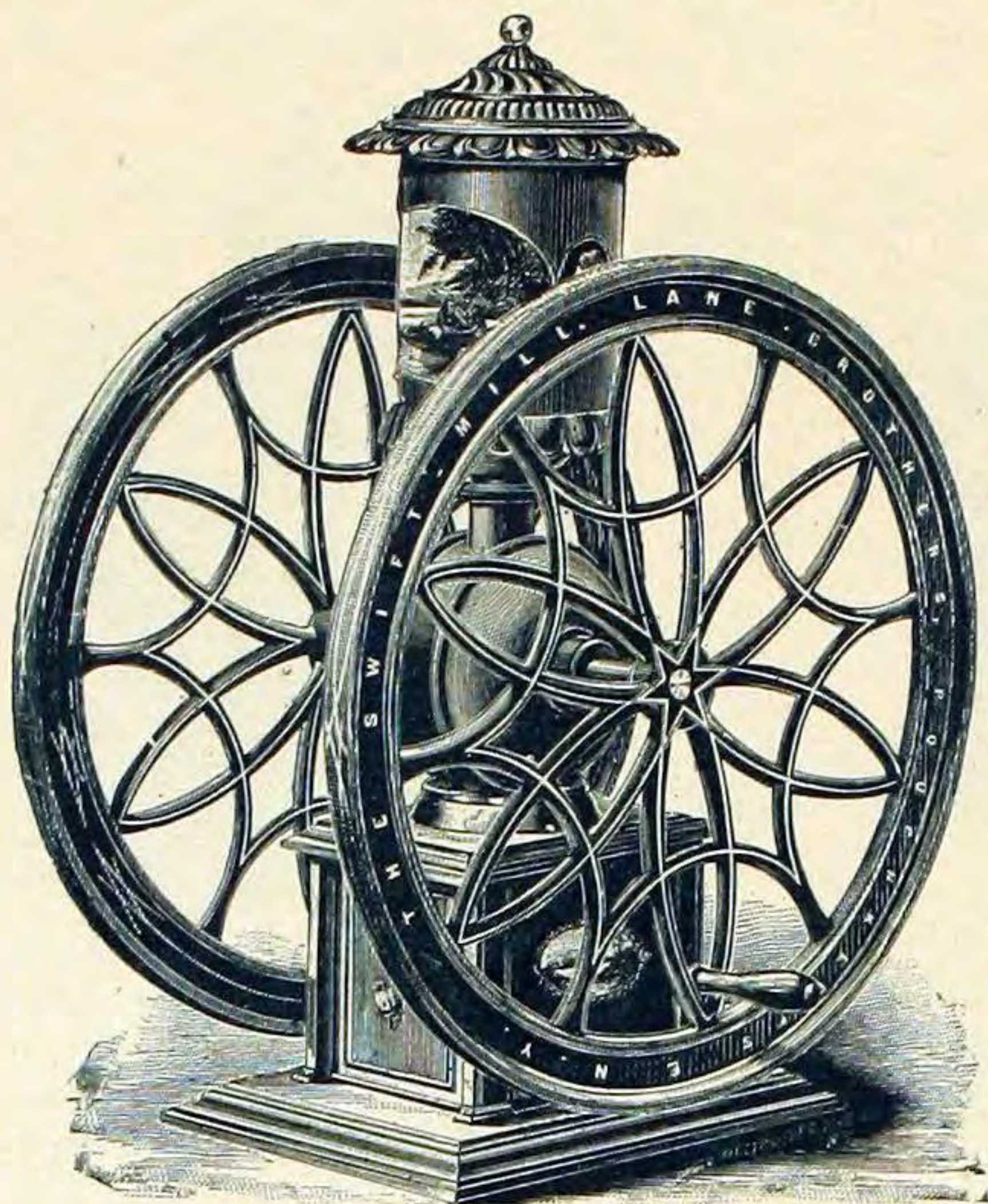
Crated, \$20.00

This mill has two twenty-inch fly-wheels, a nickel plated hopper with dome top, and is, in all respects, highly finished, being similar to No. 15 in all parts except the hopper.

CAPACITY—About one and a half pounds coffee per minute.

THE SWIFT MILL.

No. 16.

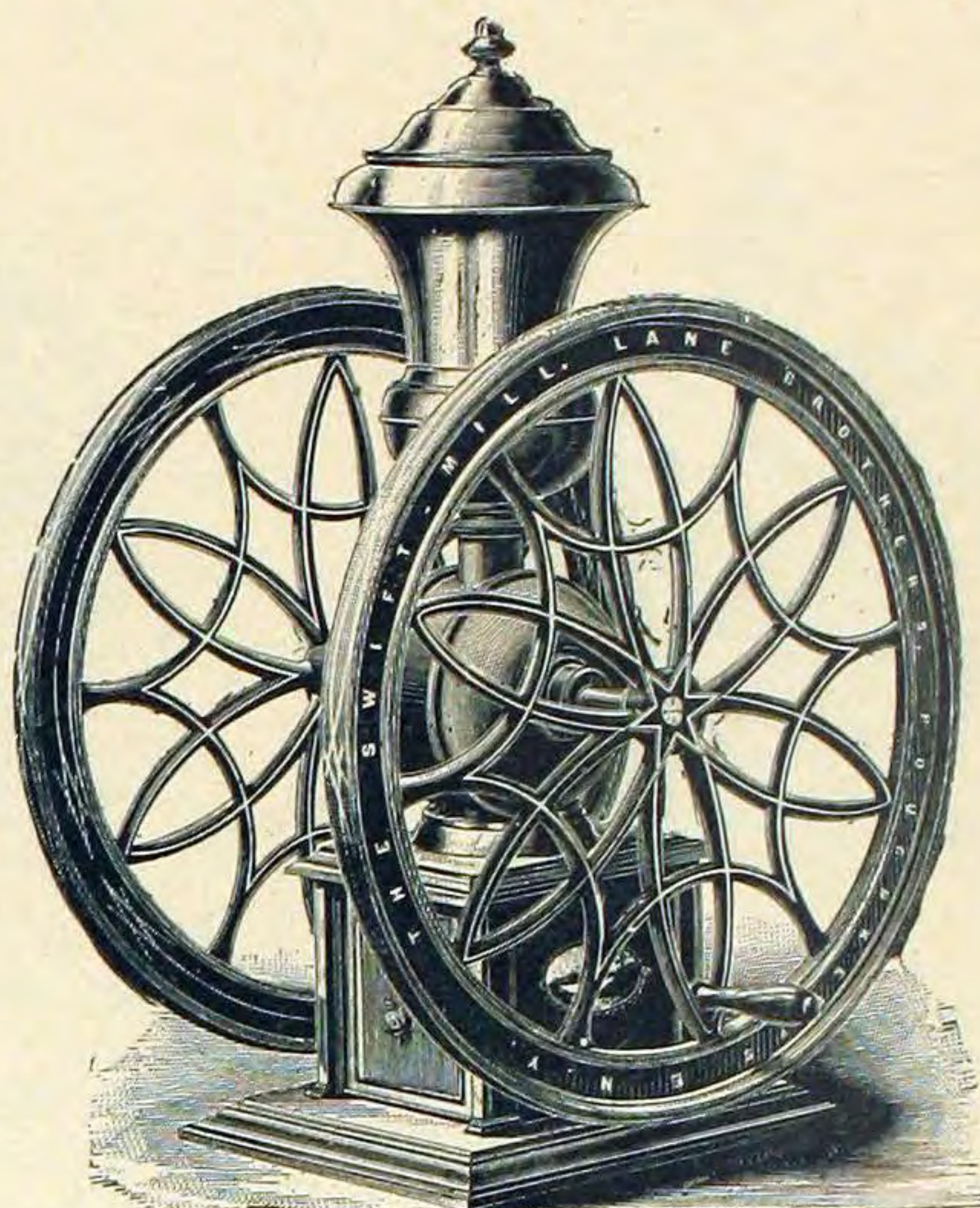


Crated, \$20.00

This mill is profusely ornamented, and finished in the best manner; has a fancy iron hopper, two twenty-four inch fly wheels, and a drawer for receiving coffee. It is also fitted with SELF-OILING bearings, and has detachable grinding surfaces constructed of the best material.

CAPACITY—About one and three-quarter pounds per minute.

No. 16½



Crated, \$26.00

A highly finished mill; colors red and gold, and elaborately ornamented. It has a nickel plated hopper, two twenty-four inch fly-wheels, and a drawer for receiving coffee; also, SELF-OILING bearings.

CAPACITY—One and three-quarter pounds a minute.

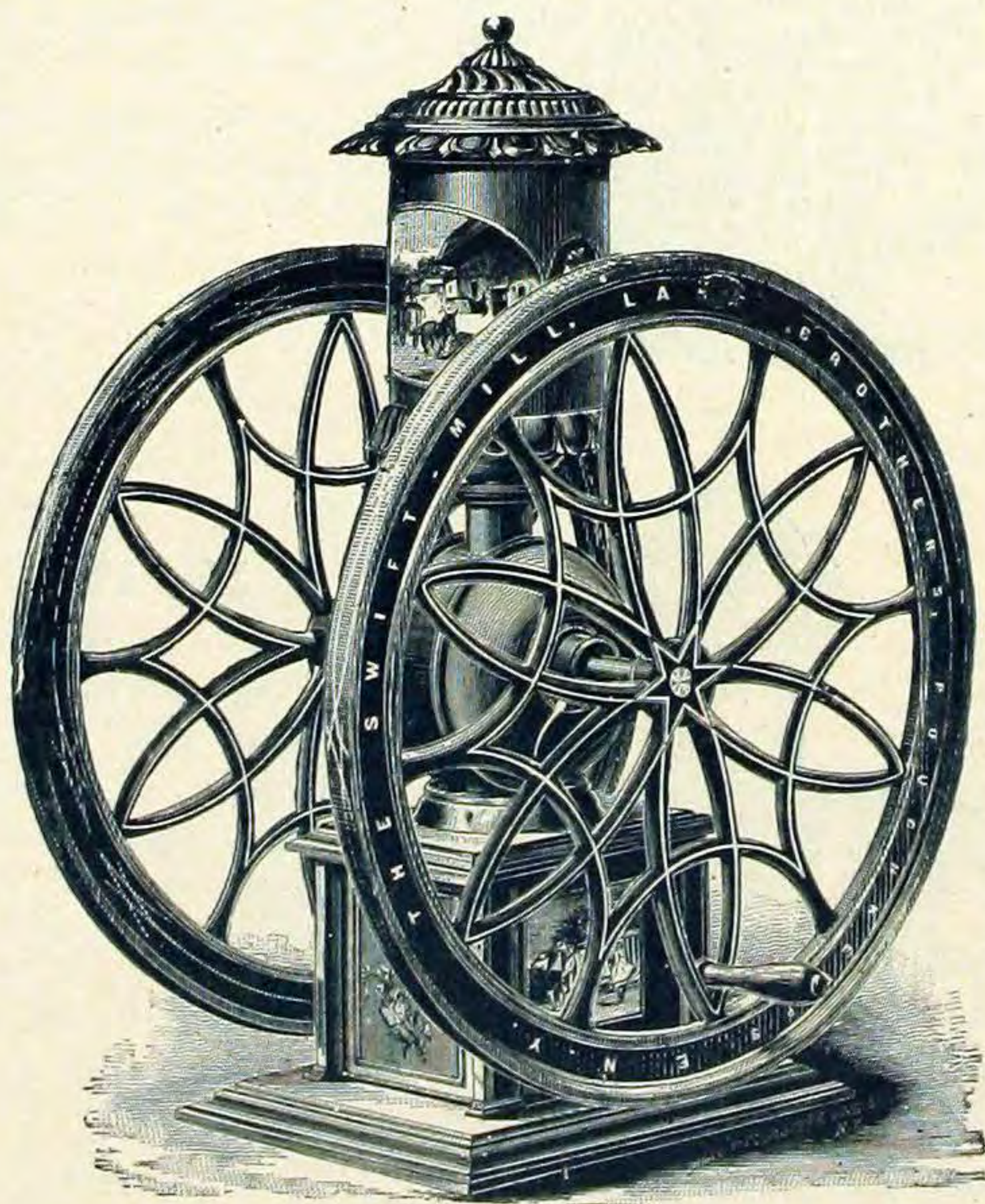
No. 17.

Crated, \$23.00

This is our largest size counter coffee mill. It is finished in red and gold, and highly ornamented. It has a fancy iron hopper, and one thirty-inch fly-wheel, with crank, with SELF-OILING bearings and detachable grinding surfaces, made of the best material.

CAPACITY—About two pounds per minute, by hand.

No. 18.



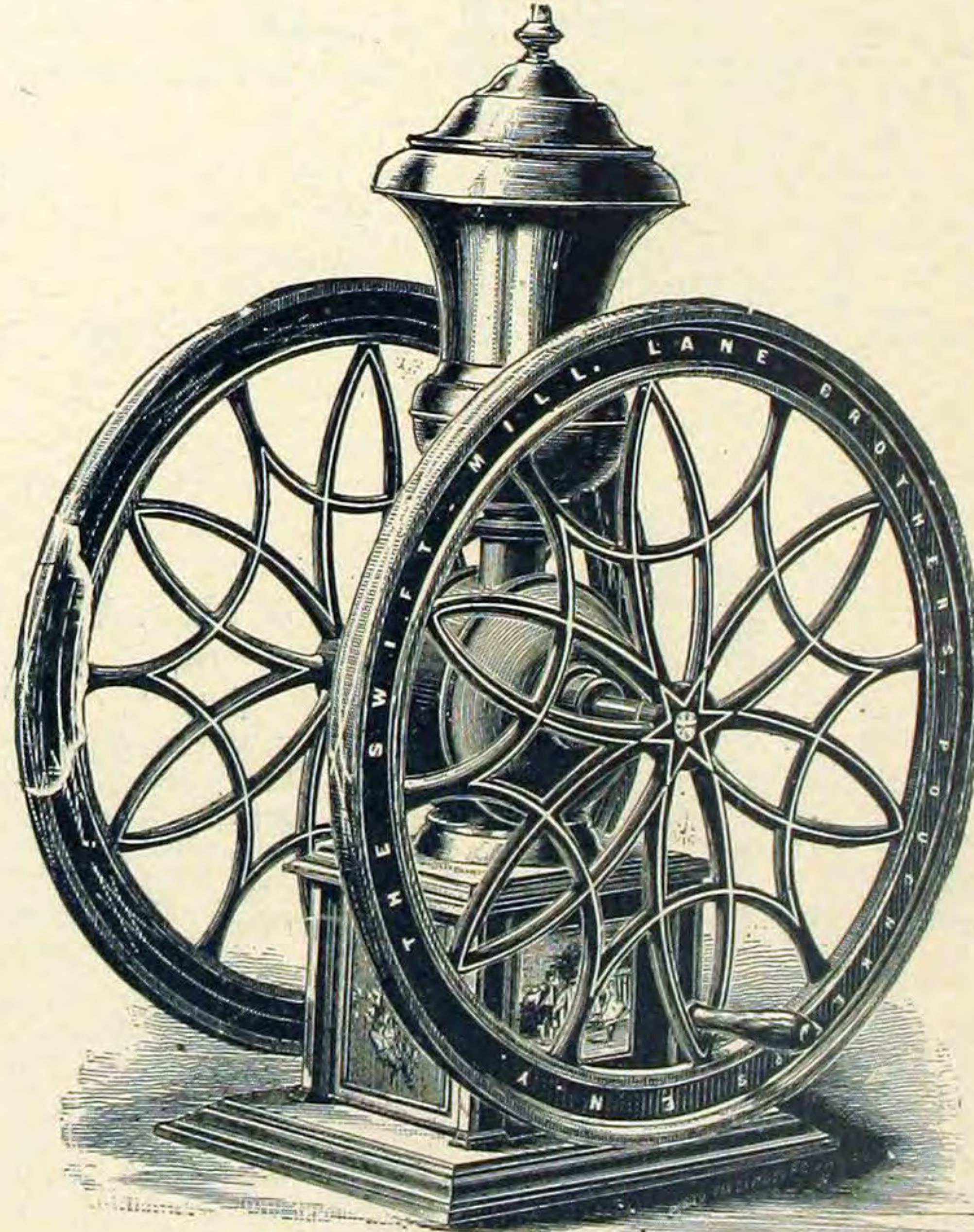
Crated, \$28.00

This mill is similar in form and finish to the No. 17 mill; but differs from it in having two thirty-inch fly-wheels.

It has an iron hopper, highly ornamented with oriental scenery, etc., a drawer for receiving coffee, detachable grinding surfaces of the most durable material; is fitted with SELF-OILING bearings, and is beautifully finished in brilliant colors.

CAPACITY—About two pounds per minute.

No. 20.



Crated, \$35.00

This mill is profusely ornamented, and finished in the best manner. Has a nickel plated hopper, and two thirty inch fly-wheels, a drawer for receiving coffee, detachable grinding plates of the most durable character, and is fitted with SELF-OILING bearings.

CAPACITY—By hand, about two pounds per minute

THE SWIFT MILL.

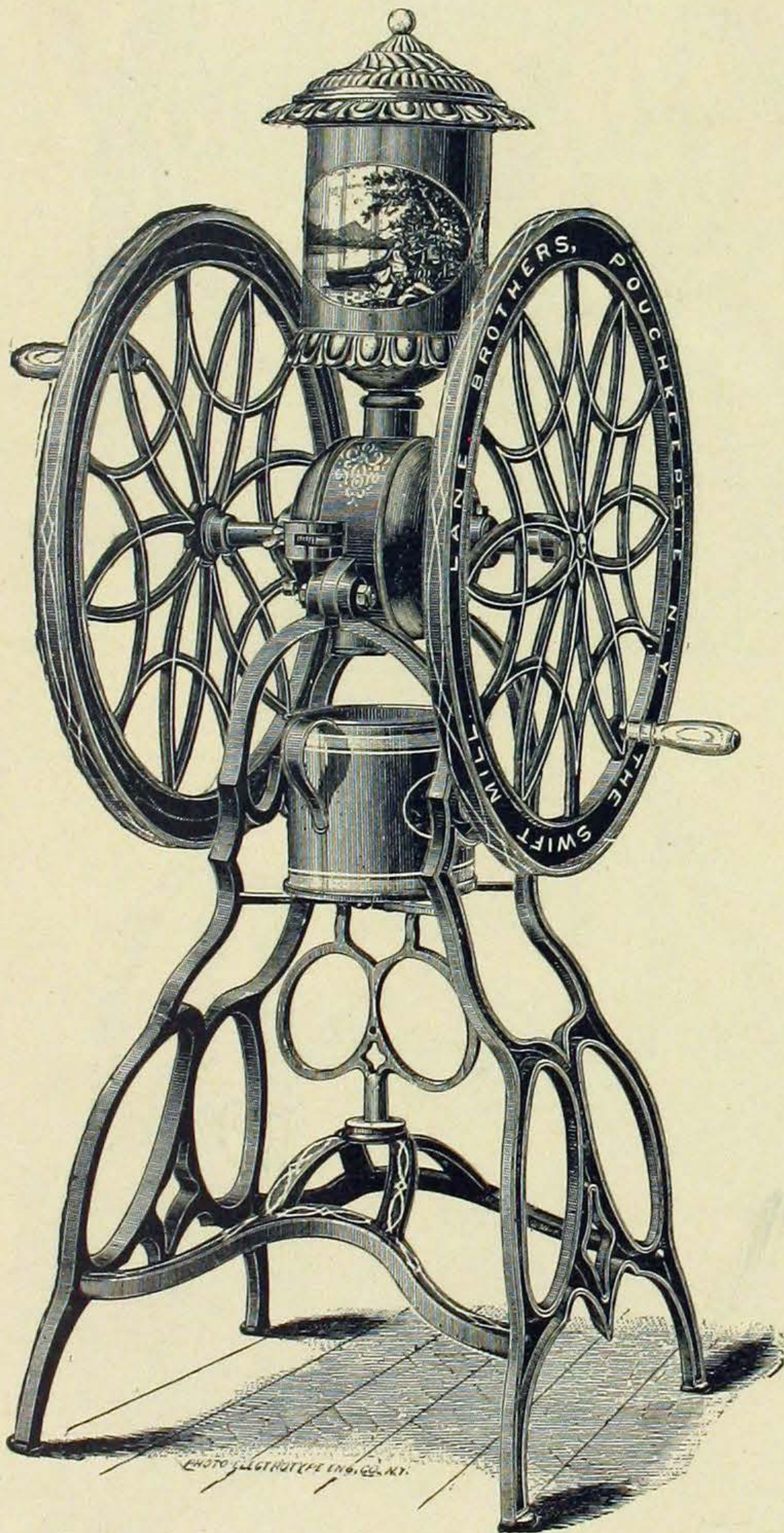
No. 23.

Crated, \$32.00

A large, handsome, finely finished mill, about five feet six inches high; having a richly ornamented iron hopper; one thirty-inch fly-wheel, and crank; receiver for coffee; self-oiling bearings, and detachable grinding surfaces of the best character.

CAPACITY.—Two pounds of coffee per minute, by hand.

No. 24.



Crated, \$37.00

A handsome finely finished mill, five feet six inches high, and is similar in all respects to No. 23, except that it has two thirty-inch fly-wheels. It has detachable grinding surfaces of the most durable kind and self-oiling bearings.

CAPACITY.—Two pounds of coffee per minute.

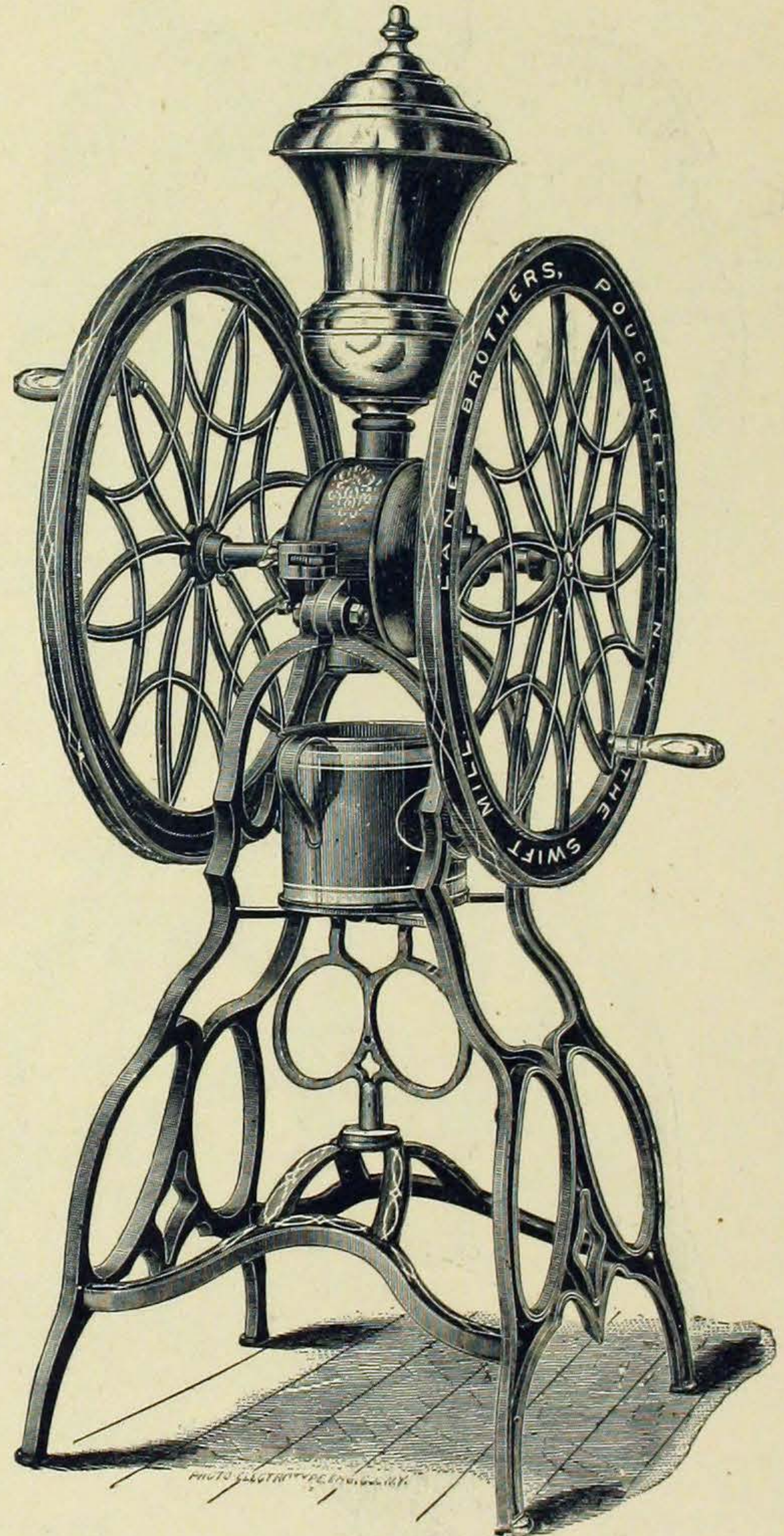
No. 25.

Crated, \$40.00

A large mill, standing five feet six inches high, finished handsomely in vermillion and gold; has a burnished hopper, and one thirty-inch fly-wheel, and crank, and is fitted with detachable grinding surfaces and self-oiling bearings.

CAPACITY.—About two pounds of coffee per minute, by hand.

No. 26.



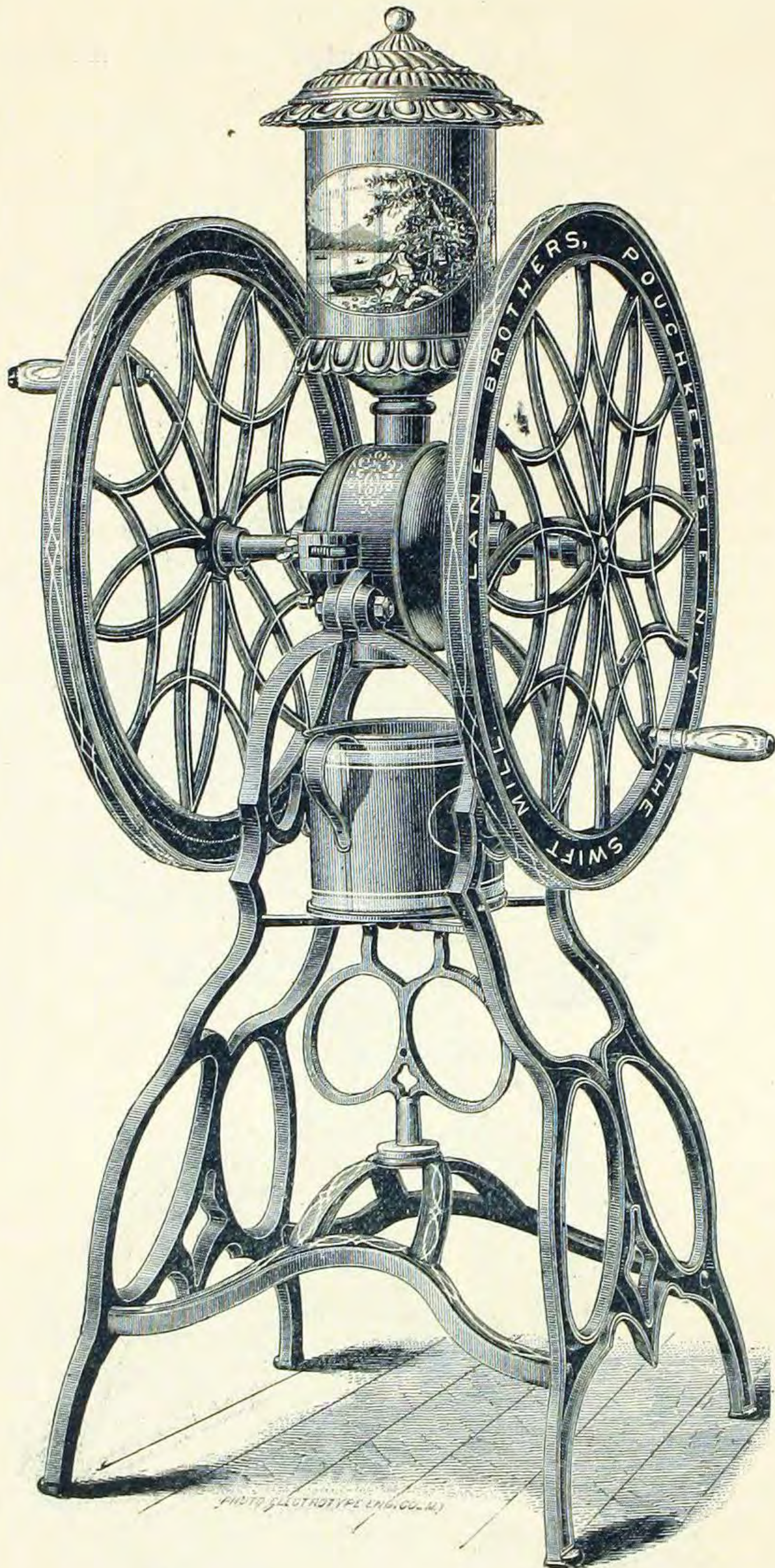
Crated, \$45.00

The mill stands five feet six inches high, and is finished elaborately. It has a burnished nickel plated hopper; two thirty-inch fly-wheels; a receiver for coffee; detachable grinding surfaces of the most durable kind; and self-oiling bearings.

CAPACITY.—Two pounds of coffee per minute, by hand.

THE SWIFT MILL.

No. 28.

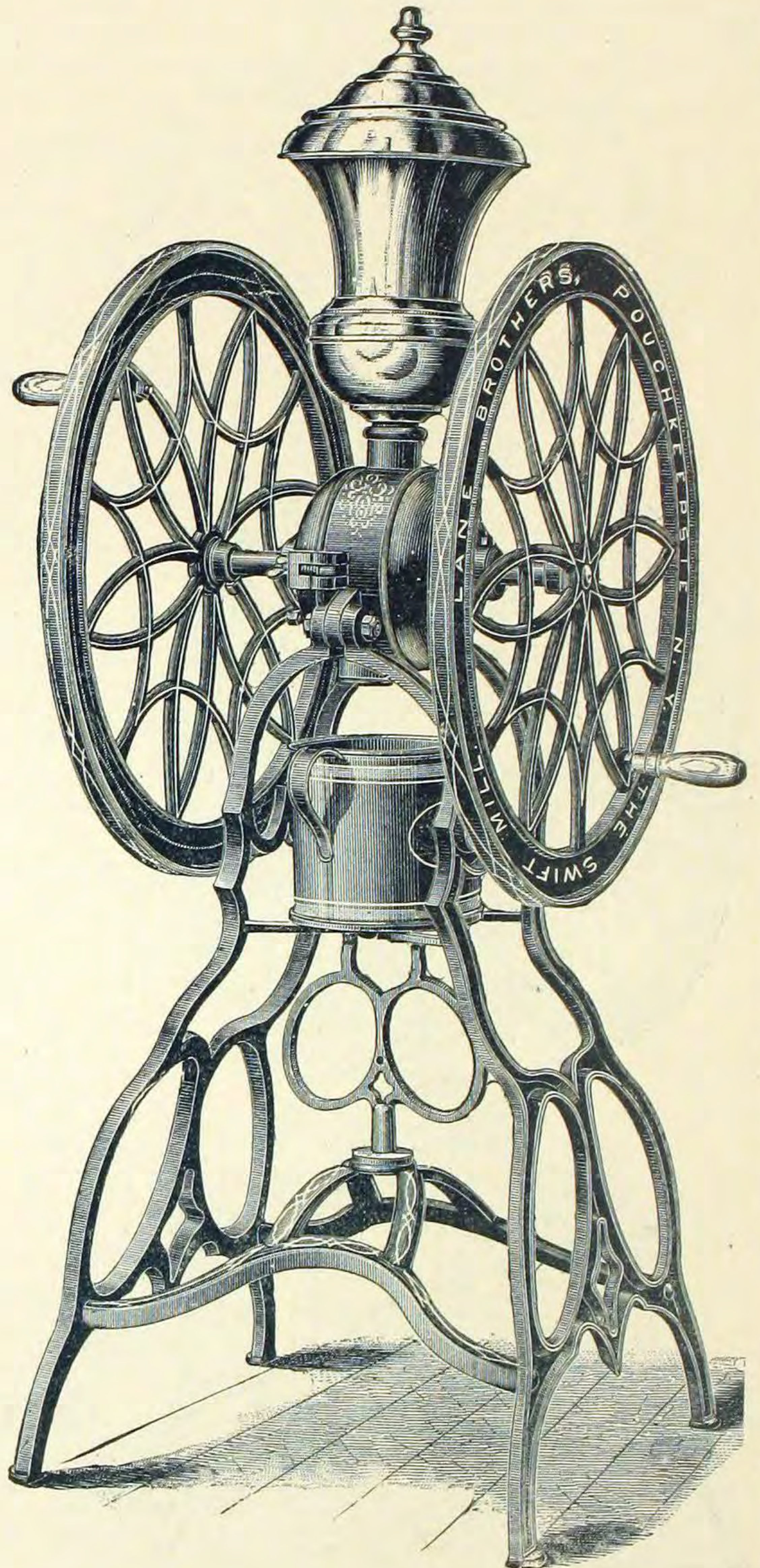


Crated, \$65.00

This mill is similar in size and appearance to No. 30, but has a hopper, as shown in the engraving, which is preferred by some to the nickel. Finished in the best manner.

CAPACITY.—Three pounds of coffee per minute, by hand.

No. 30.



Crated, \$75.00

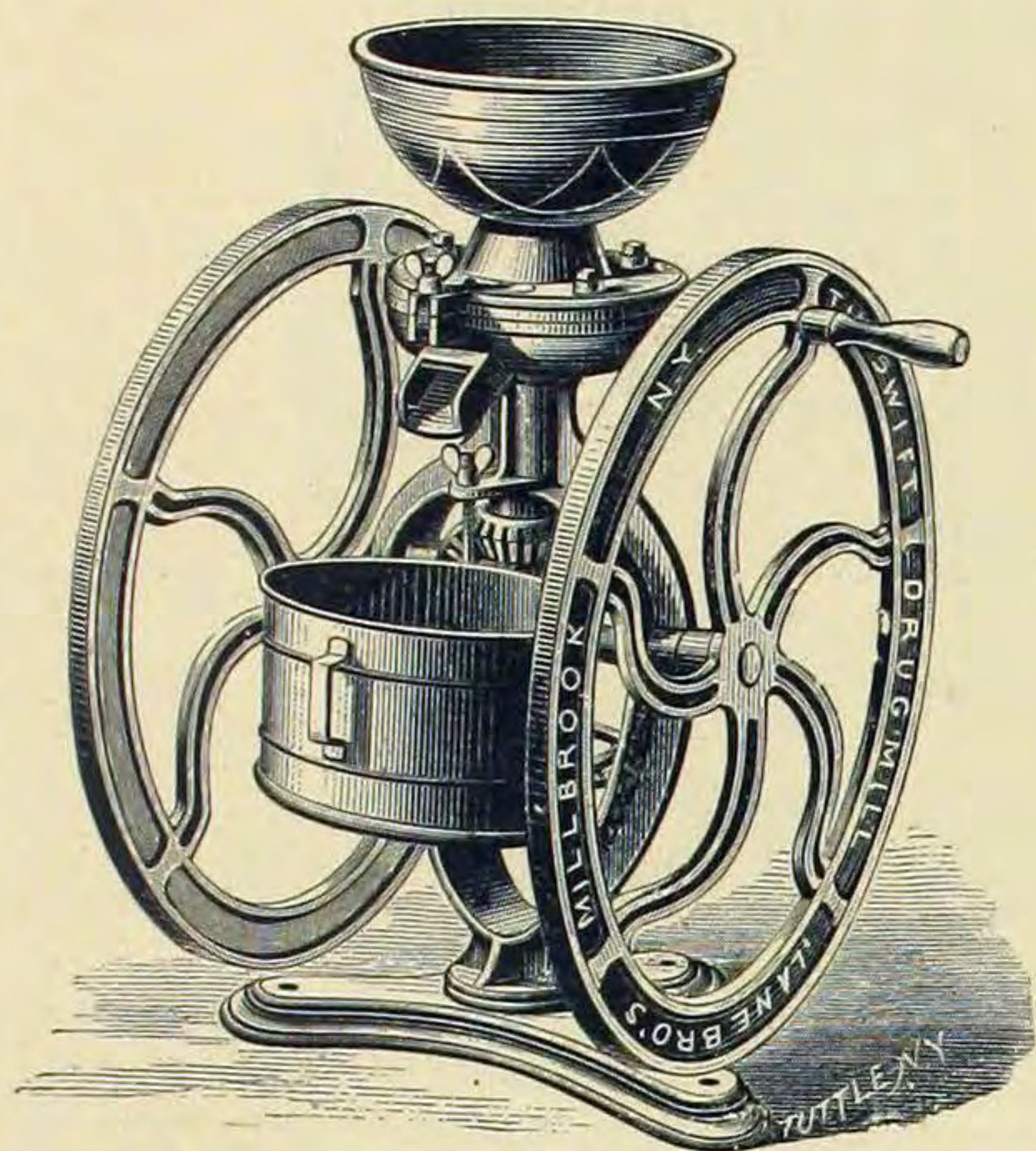
This mill is similar in form and finish to the No. 26, but is much larger, standing five feet ten inches high. It has two thirty-six inch fly-wheels; a large burnished nickel plated hopper; receiver for coffee; detachable grinding surfaces of the best material; self-oiling bearings, and is opened with the same facility as the smaller sizes.

CAPACITY.—Three pounds of coffee per minute by hand.

THE SWIFT MILL.

This mill stands nearly two and one-half feet high, has two twenty-four-inch fly-wheels, or twenty-inch, as desired, and a receiver to catch the substance ground.

CLOSED.

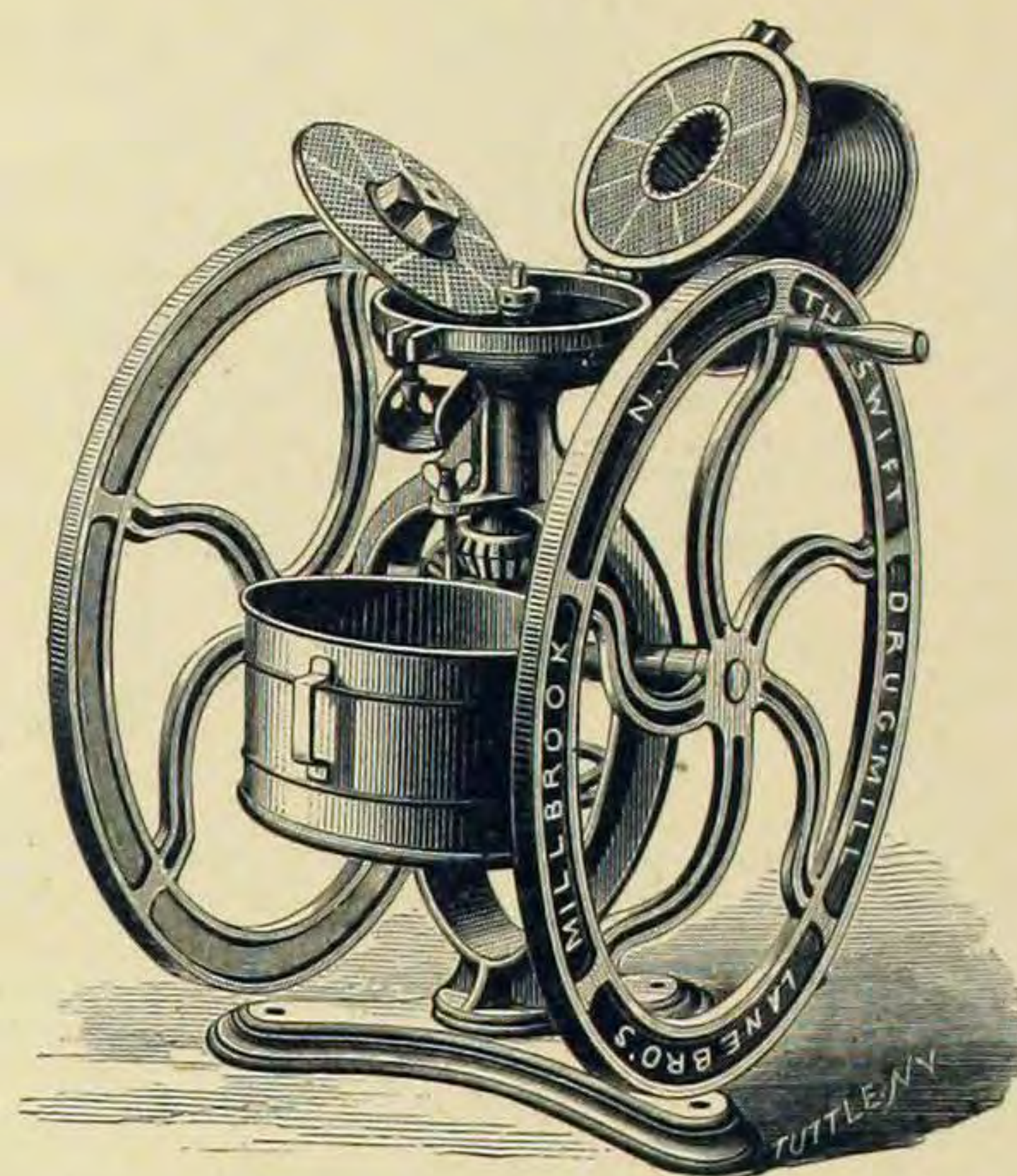


Size "B."

With two 20-inch fly-wheels,
\$18.00

With two 24-inch fly-wheels,
\$24.00

OPEN.



The cuts above show the mill closed and opened, and with the lower grinding surface removed from its working position; giving perfectly free access to the whole interior of the mill, for cleaning or removal of obstructions.

The method of construction is such that the grinding surface is secured in working position by simply dropping it over the upright central shaft. Grinds one pound coffee in thirty seconds.

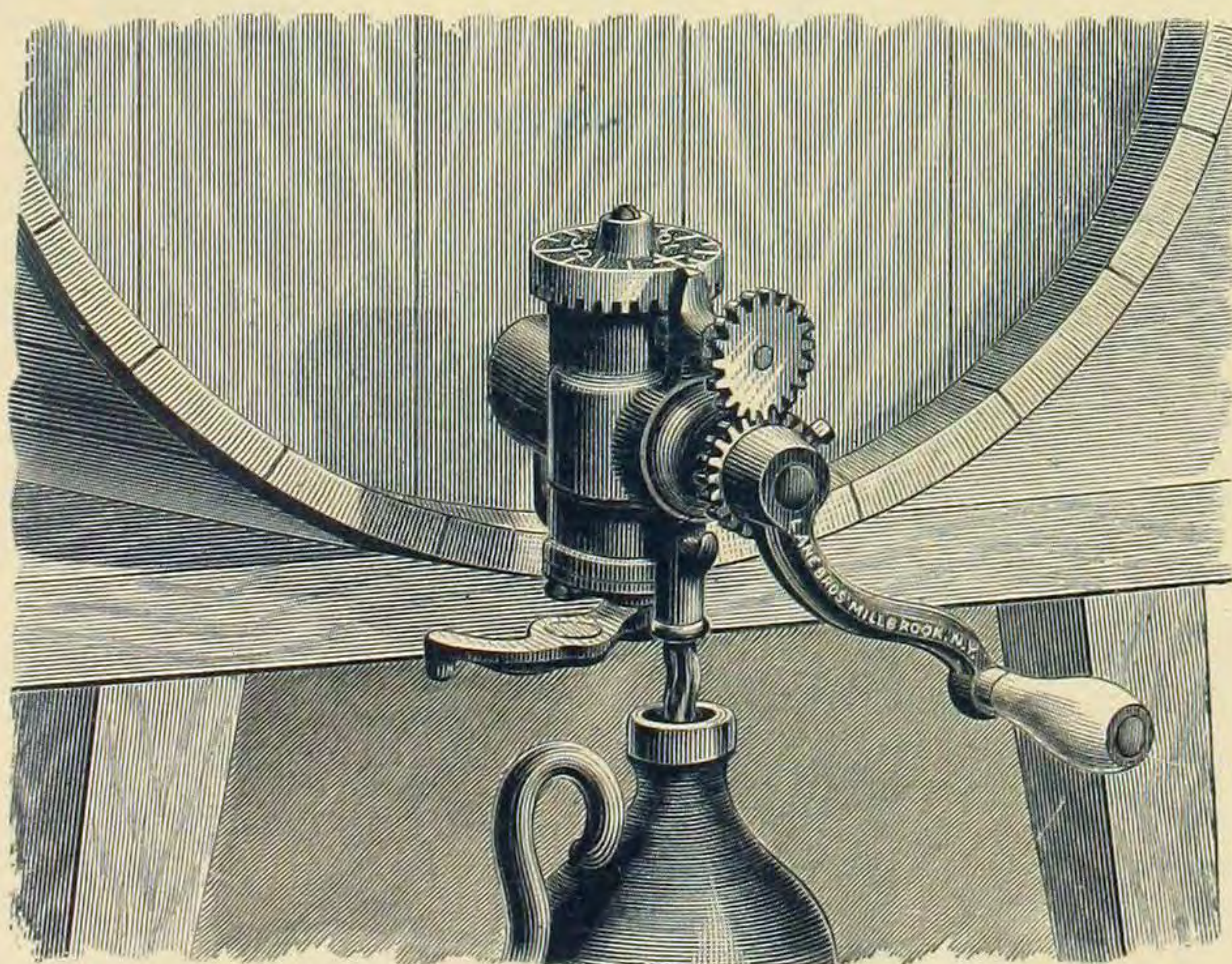
SWIFT SPICE MILLS.

In the foregoing list of mills, those especially adapted for spices or fine grinding are as follows, viz.: Nos. 1, 11 and 4½. And also the following, when fitted with spice grinders: Nos. 8, 17, 18, 19, 20, 23, 24, 25, 26. Farm and "B" size.

Price the same fitted with either coffee or spice grinders.

LANE'S PATENT SELF-MEASURING FAUCET.

For Light or Heavy Molasses, Oils, Varnishes, Etc.



We warrant these Faucets to be as represented, measuring correctly, and working more easily in heavy molasses than any other Measuring Faucet in the market. No grocer can afford to be without them, for they save time, and "Time is Money." They insure perfect cleanliness, requiring no tin measure or funnel to collect dirt or draw files. They do not drip. They prevent all waste, as no molasses or other fluid can pass except when the crank is turned. They are the embodiment of simplicity, and consequently they are always in order. They work easily in the heaviest molasses.

When the Faucet is first inserted in the cask draw say a half gallon through it, in order to remove the air from its interior, and before testing for accuracy, BE PARTICULAR to have your measure entirely free from molasses. They are warranted to measure correctly according to the United States standard.

NOTE.—It may be well to state that a United States gallon measure will contain eight pounds five and one-quarter ounces of water.

Should any Faucet fail to agree with your measure, you can test the accuracy of the measure by filling it with water, when, if correct, it will weigh as above.

IN USING.—Turn the dial by hand either way so the — is opposite the starting point, then open the nozzle gate and turn the crank until the figures on the dial indicate the desired amount.

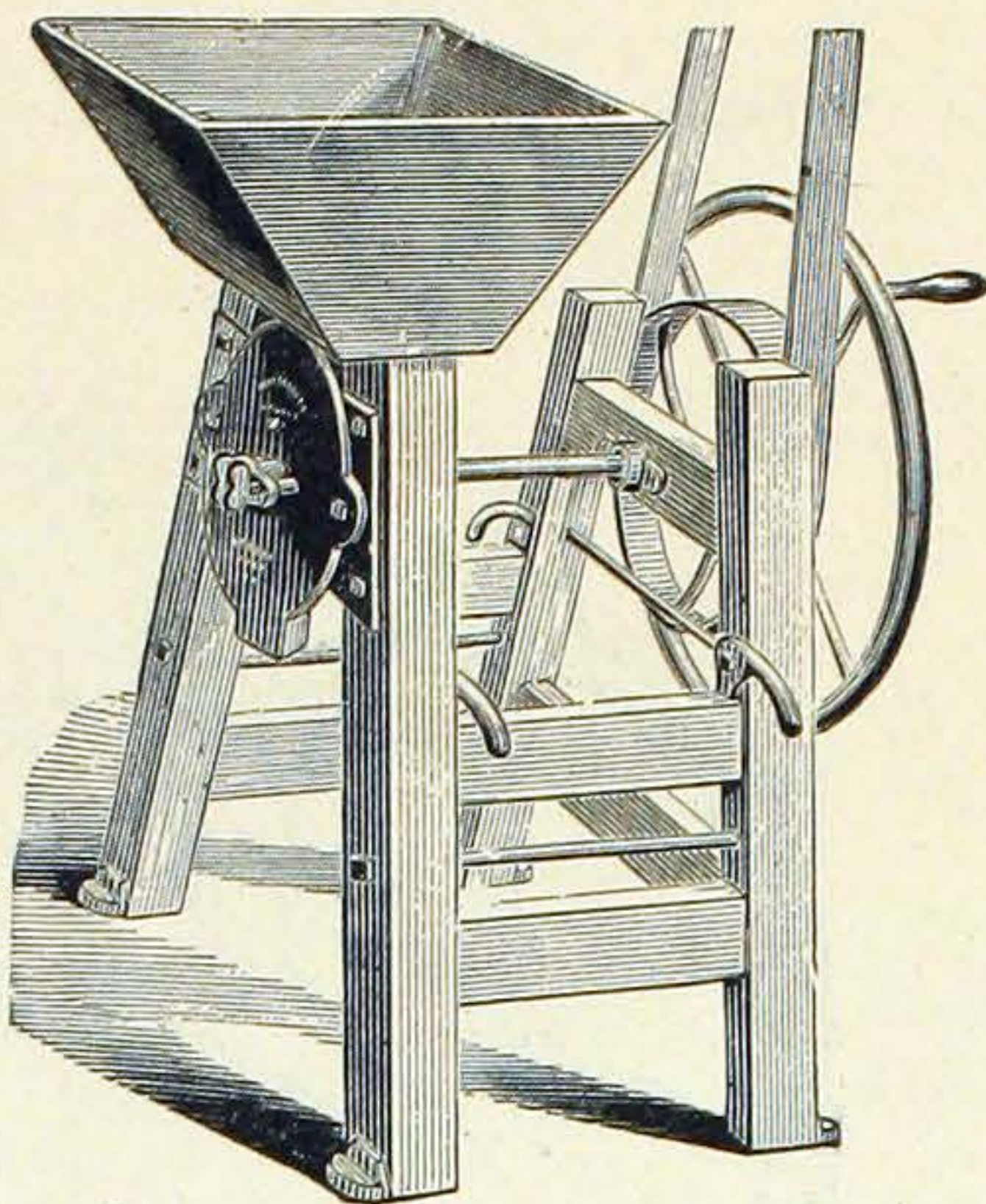
One revolution of the dial shows a gallon, and requires thirty-two turns of the crank.

Always commence and finish with the handle down.

Use an iron bar as a lever in the hole at the side of the Faucet for screwing in or out of the cask, and tallow the thread before screwing in.

Should the Faucet become stuck or clogged when out of use, immerse it in boiling water for a few moments, until loosened, then immediately put in use. Oil the shaft occasionally.

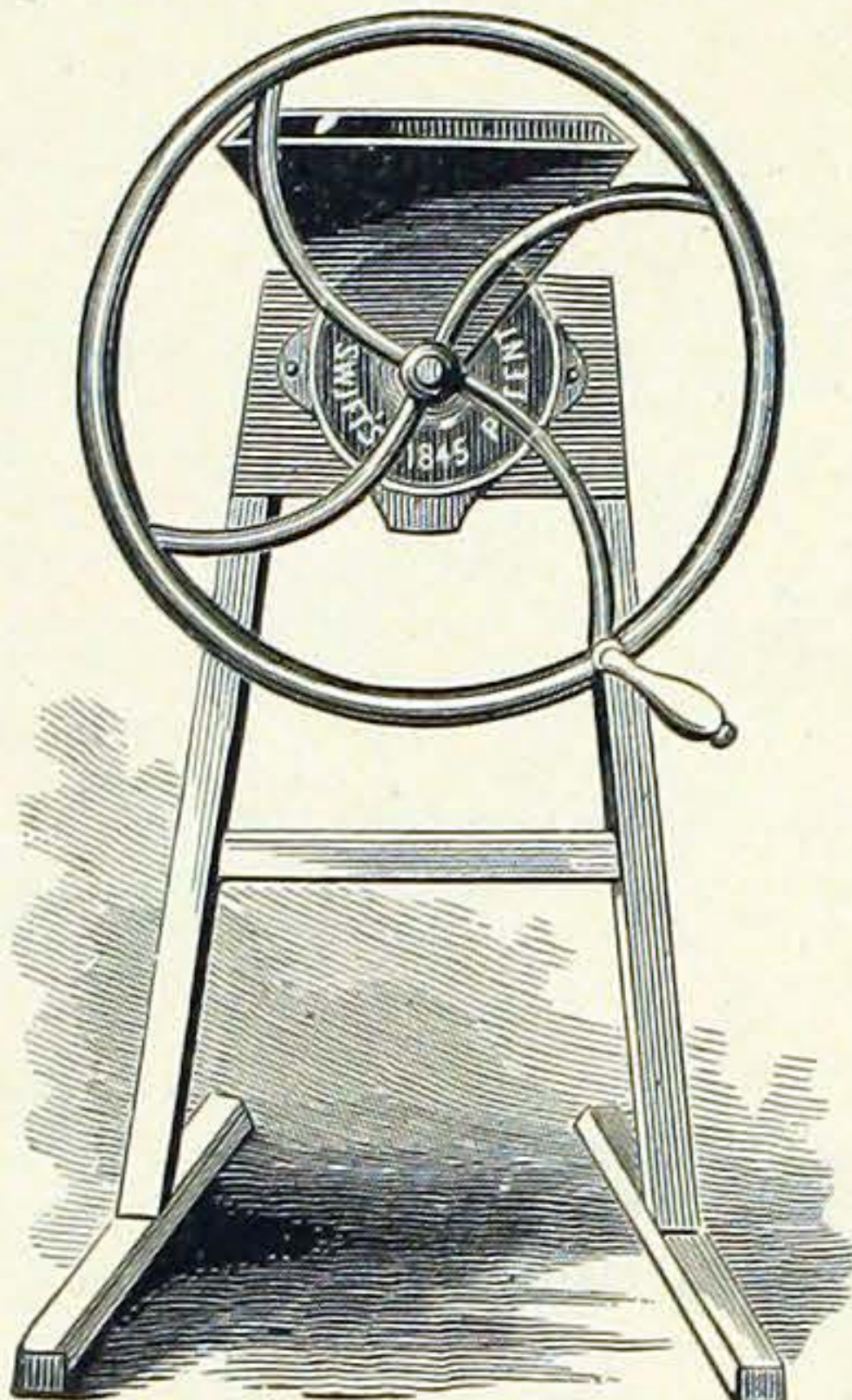
Price, each, \$3.00
One-half dozen in a case.

Swift's Patent Farm Mills.

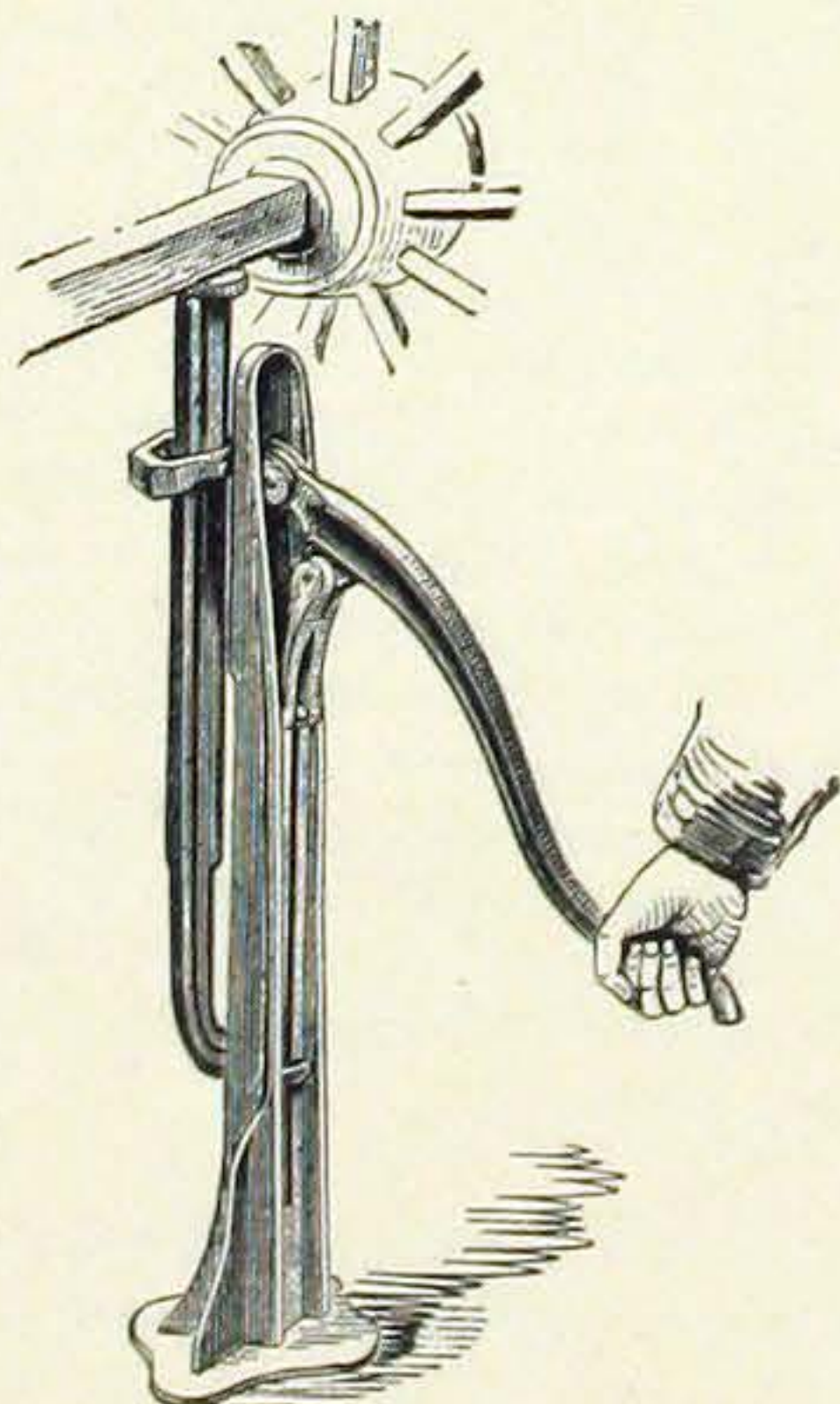
Crated, \$28.00

For farmers, planters and all others who have grain to grind for stock or family use. They are efficient, durable and low priced.

A special Farm Mill circular sent on application.

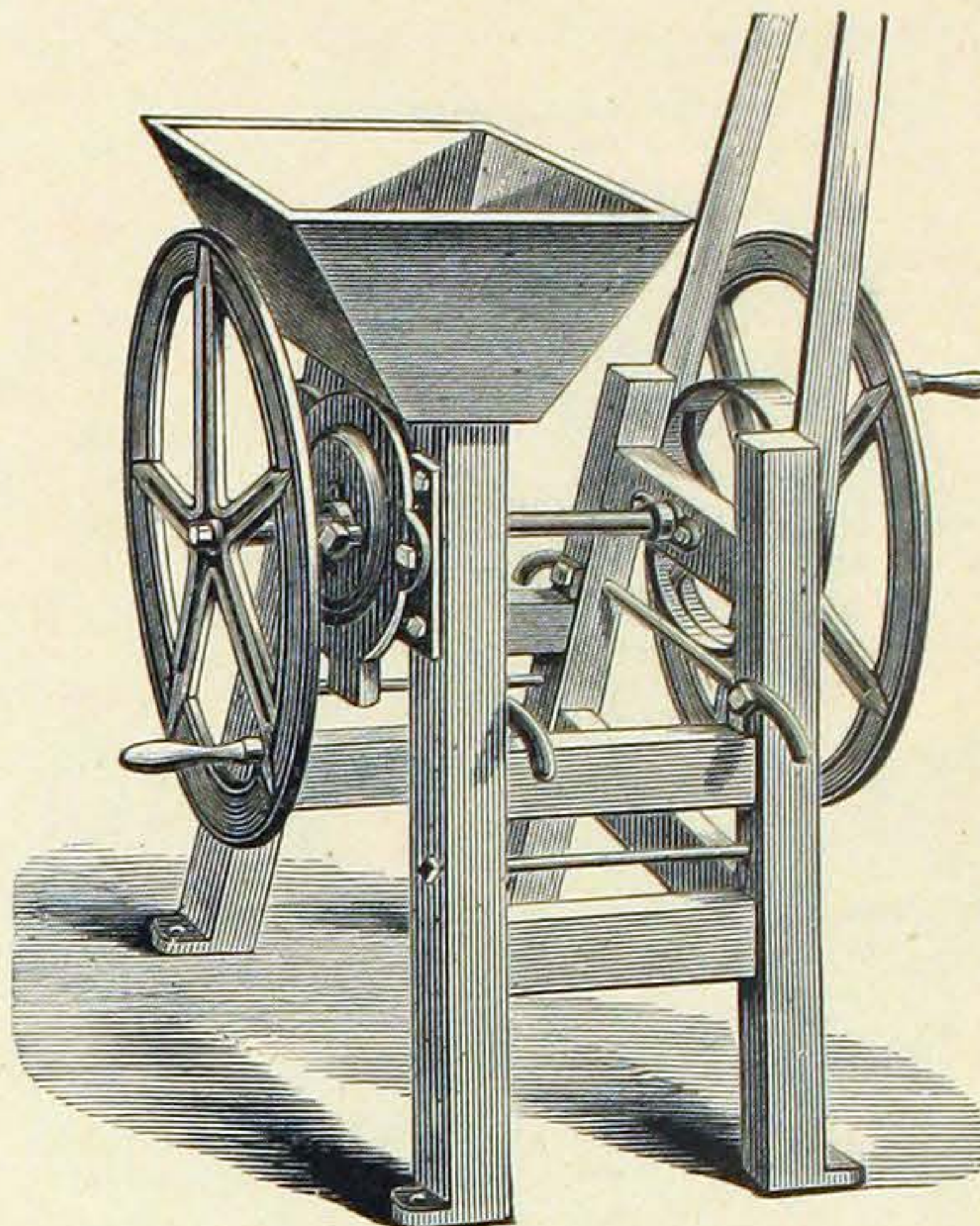
Stand Mills.

- | | |
|--|--------|
| No. 3, Stand Mill, twenty-inch wheel, | \$6.75 |
| " 4, " twenty-four-inch wheel, | 8.00 |
| " 4½, Stand Spice Mill, thirty-inch wheel, | 9.00 |
| " 5, Stand Mill, with two twenty-four-inch fly-wheels, | 10.00 |

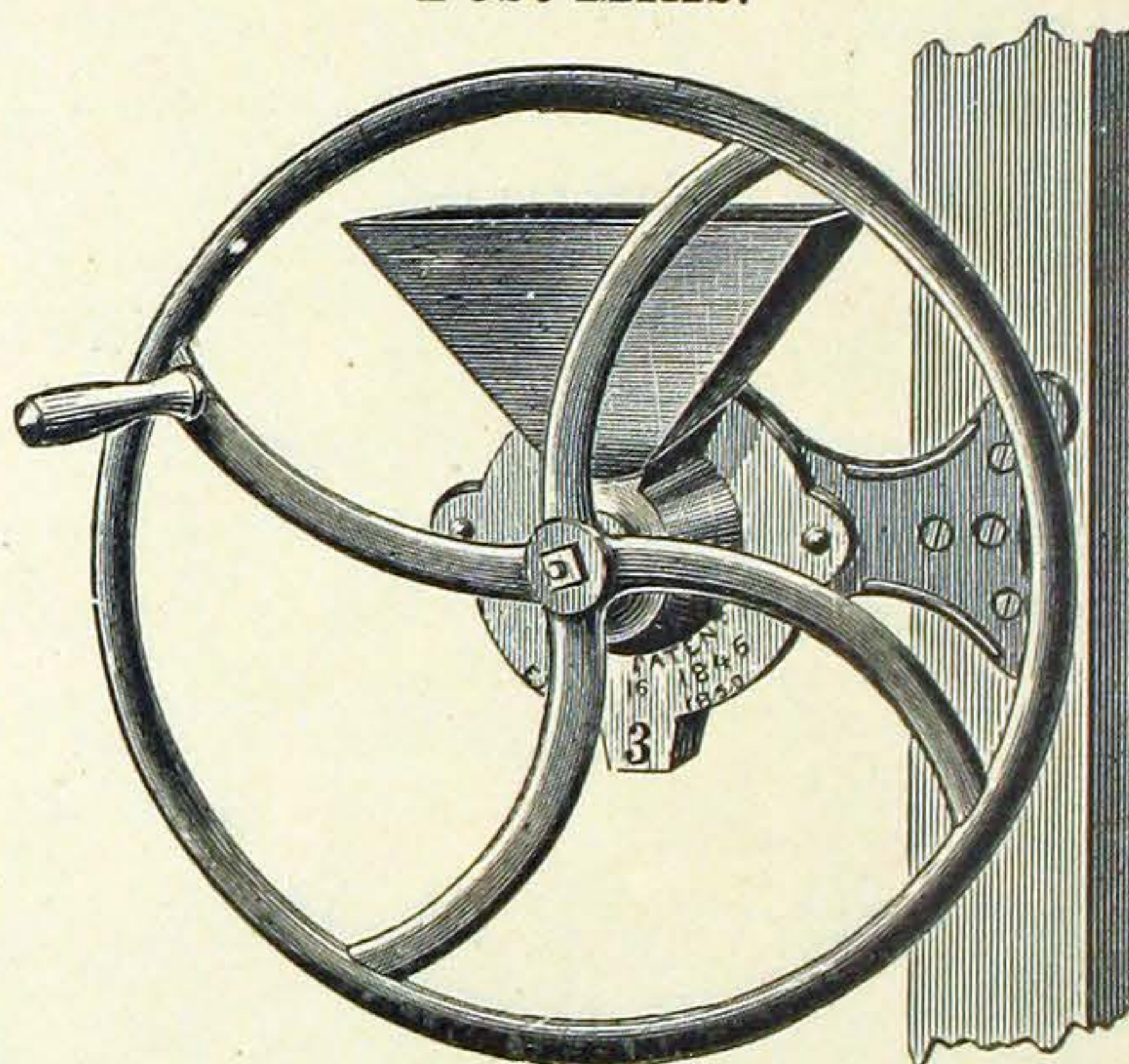
Lane's Patent Iron Carriage Jacks.

- | | |
|--------|--------|
| No. 2, | \$1.50 |
| " 3, | 2.75 |

The Swift Mill.
No. 8.
A HAND OR POWER COFFEE MILL.



Crated, \$37.00
Capacity by hand, from two to four pounds coffee per minute.
Capacity by power, from four hundred to six hundred pounds per hour.
May be worked by one or two persons, or by power; thirty-inch fly-wheels.

Post Mills.

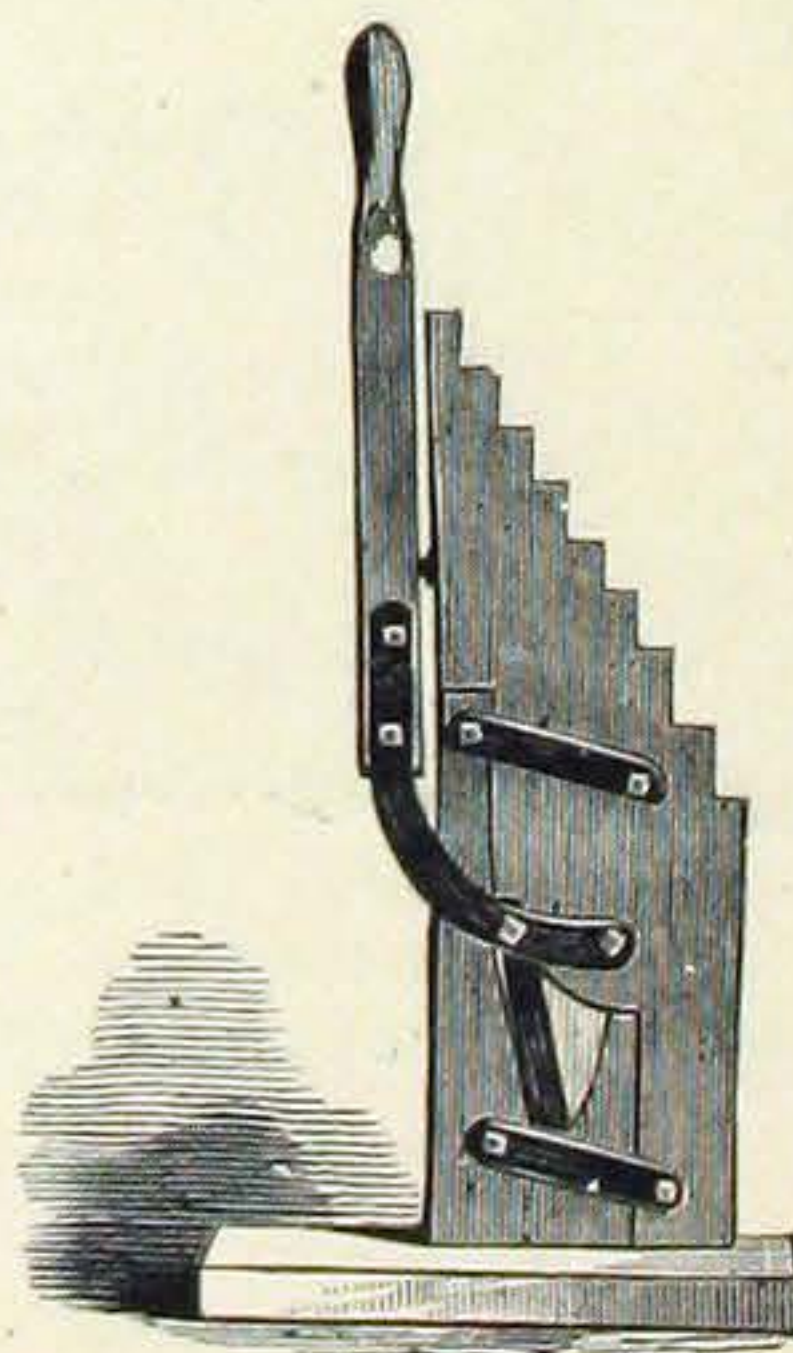
- | | |
|--------|--------|
| No. 3, | \$6.00 |
| " 4, | 7.00 |

The Nos. 3 and 4 Post Mills correspond in size to the same numbers on stands, and are used on shipboard and where economy of space is desired.

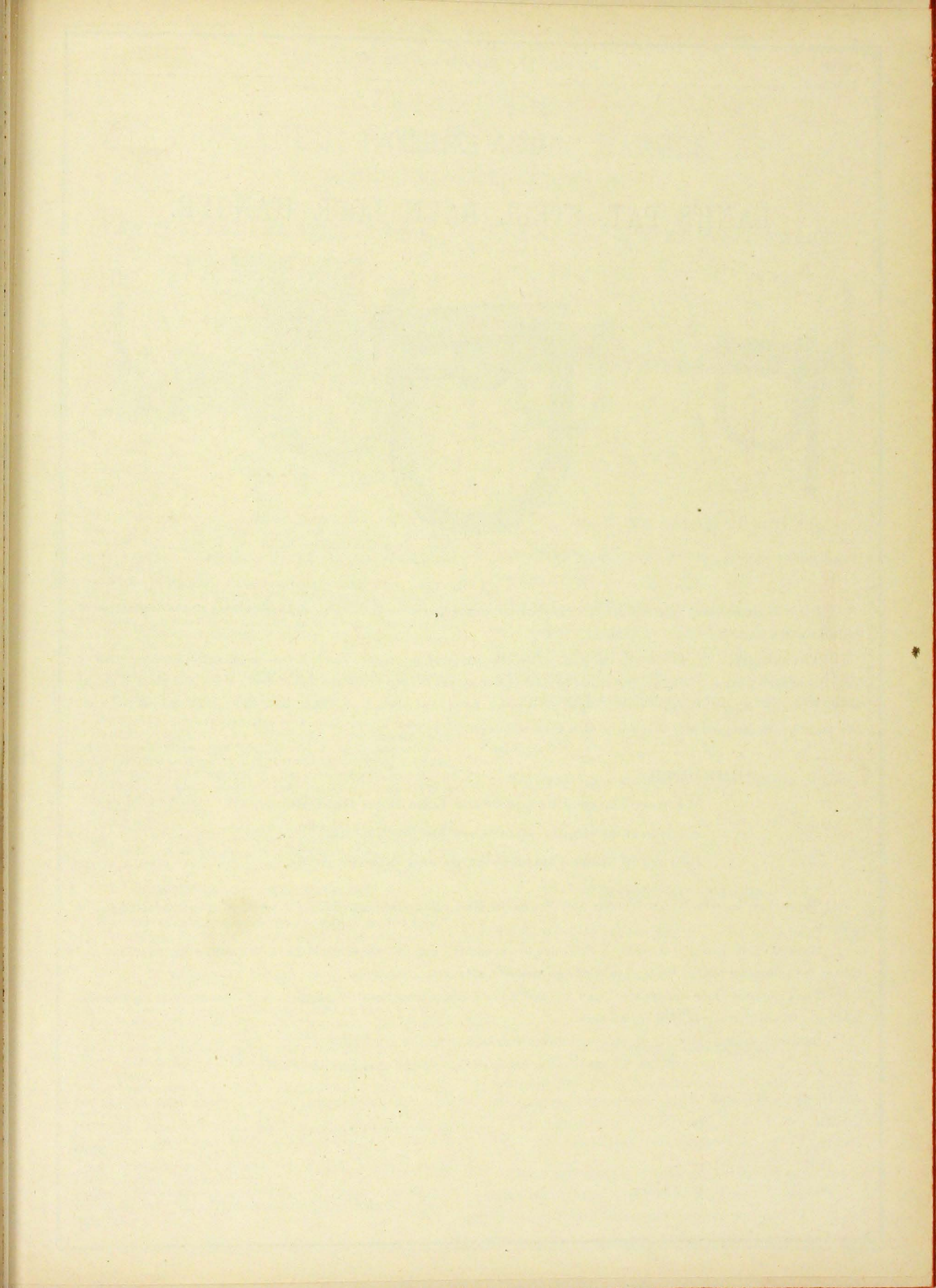
Lane's Champion Jacks.

Composed of wrought iron and the best of seasoned hard wood. There is nothing about them to break or get disarranged by hard usage.

They are convenient and very powerful.

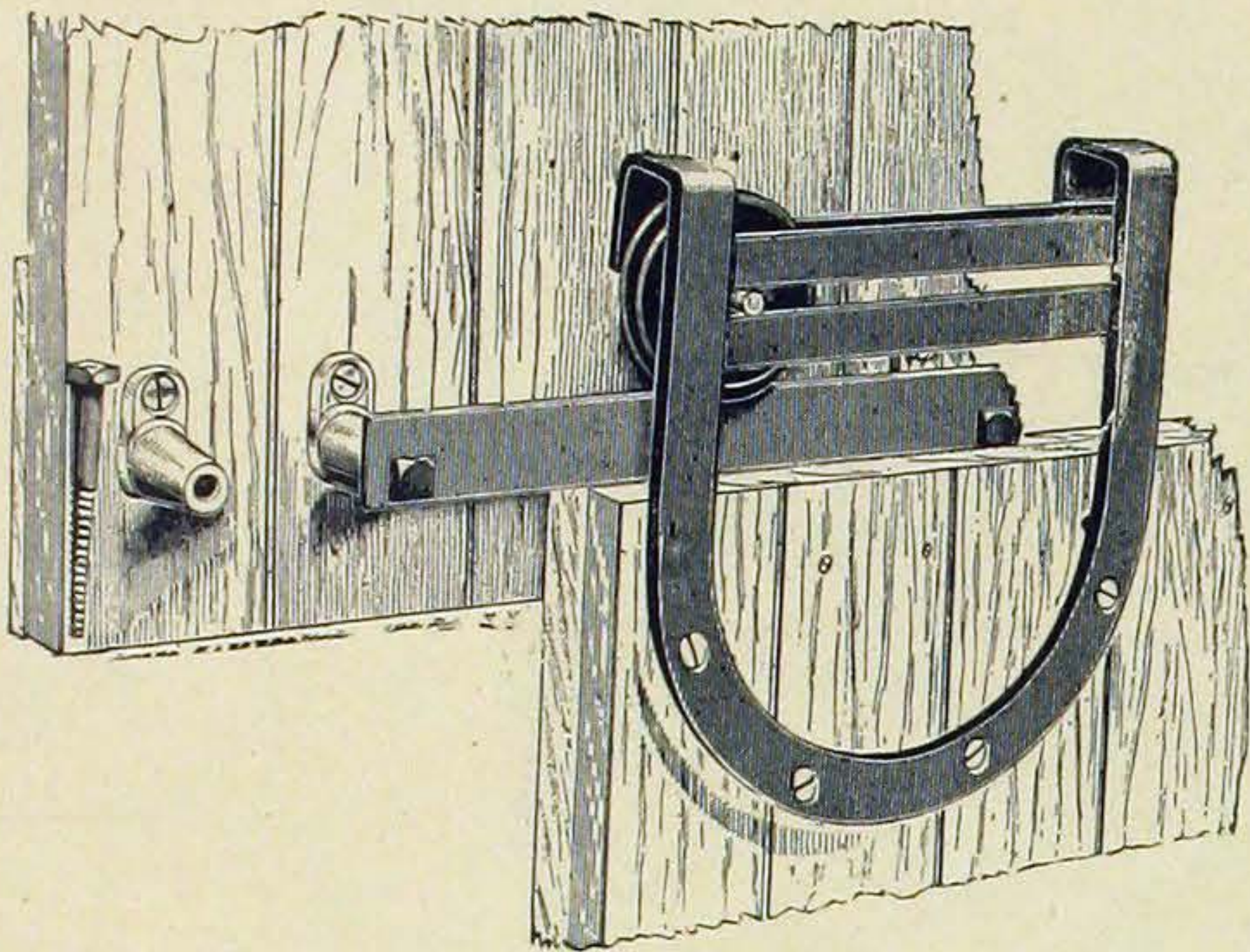


- | | |
|--------|--------|
| No. 1, | \$2.50 |
| " 2, | 3.50 |



"STANDARD" LANE'S PATENT DOOR HANGER. STEEL AND ANTI-FRICTION.

WITH

LANE'S STANDARD STEEL TRACK.

As shown in the cut this Hanger is anti friction in its movements, having a *rolling motion only*; the load being carried by the small steel axle of the wheel—this axle resting under parallel ways of the hanger—while the periphery of the wheel follows the track.

The axle being many times smaller than the wheel, allows the door to open its whole width, while the axle only rolls the length of the ways, which rest upon it. It will be seen, therefore, that there is no friction, as where an axle runs in a stationary box; consequently no oil is required, and it NEVER SCREECHES.

We defy competition as to the ease with which a door, either heavy or light, fitted with our Hanger may be opened or closed.

NO BREAKAGE.

The Hanger is composed wholly of steel, except the wheel, which has a steel axle. The lower part of the Hanger frame being joined, gives great stability and strength, and allows it to be fastened to the door in a permanent and simple manner, without danger of breakage or derangement of parts in the operation. A single track of three-sixteenth inch flat iron may be used, being simple and readily obtained, or one of cast iron if preferred.

These Hangers will continue to operate well under hard usage, and we guarantee them as a strictly first-class article.

We were the originators of this form of hangers. All others of similar form being imitations of the "Lane."

POINTS OF EXCELLENCE.

Being of Steel—No Breakage—Axle Not Running in a Box—No Wearing Out in a Life-Time—No Oil Required. Operates Wonderfully Easy—Never Screeches—Always in Order.

Standard Steel Track.

It consists of flat steel $1\frac{1}{4}$ by 3-16 inches in size, and supported in position by hollow iron brackets, as shown in cut.

The lower edge of the track is even with that of the brackets, and the door being hung beneath them as near as possible without contact **effectually prevents derailment**, and no other device whatever is necessary to prevent such vexatious accidents.

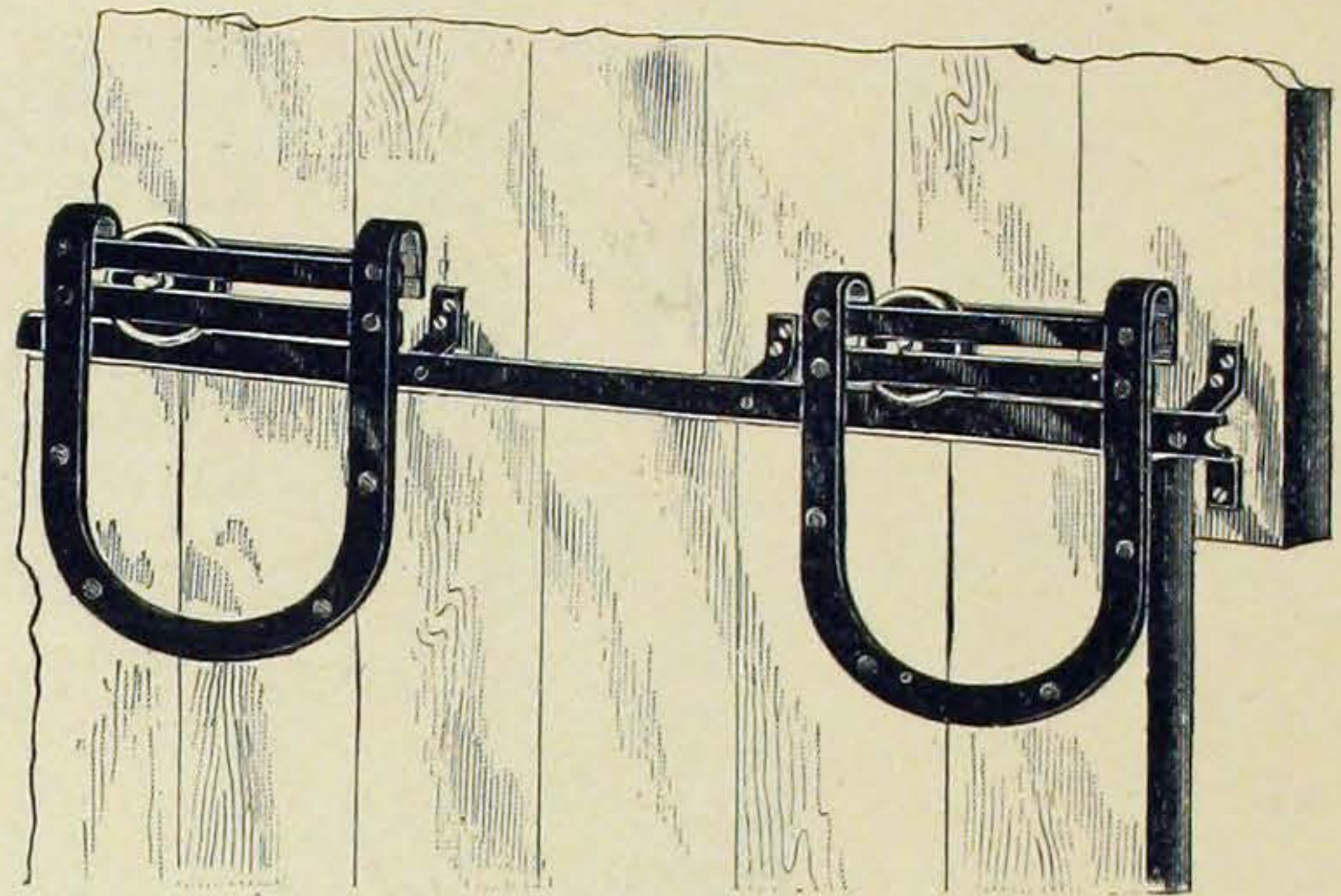
This track requires no boxing or elaborate roofing, as snow, ice, or other matter cannot lodge to prevent working, neither is there a tendency to decay.

The swell and shrinkage which apply to all wood track, whether having an iron rail attached or otherwise, are also avoided.

Its cost is far less than that of wood track, and it is greatly superior when completed.

The same track is used for all sizes of Hangers, or it may be employed in connection with door Hangers of other manufacture.

WITH

LANE'S "O. N. T." STEEL TRACK.**"O. N. T." STEEL TRACK.**

This Track is self-contained and made of open hearth steel, brackets included.

The ends are made with tongue and groove to match, if two or more pieces are to be joined, and the construction is such, that under a heavy load the greatest strain on the bracket is a pulling one lengthwise the metal, insuring great solidity, and avoiding a tendency to spring or twist under hard usage.

The track is easily erected, and requires no roofing or protection.

May be used in connection with other Hangers as well as the "Lane."

"Standard" Hangers.

No. 1, for doors to slide 5 ft.,	per dozen pair, \$15.00
" 1 $\frac{1}{2}$, " " 10 "	" " 18.00
" 2, " " 10 "	" " 22.00
" 3, " " 15 "	" " 30.00
" 4, " " 15 heavy	" " 36.00

Other Larger Sizes to Order.

Standard Steel Track, brackets included, per lineal ft., 9 cts.

Standard Steel Track, extra strong, brackets included,

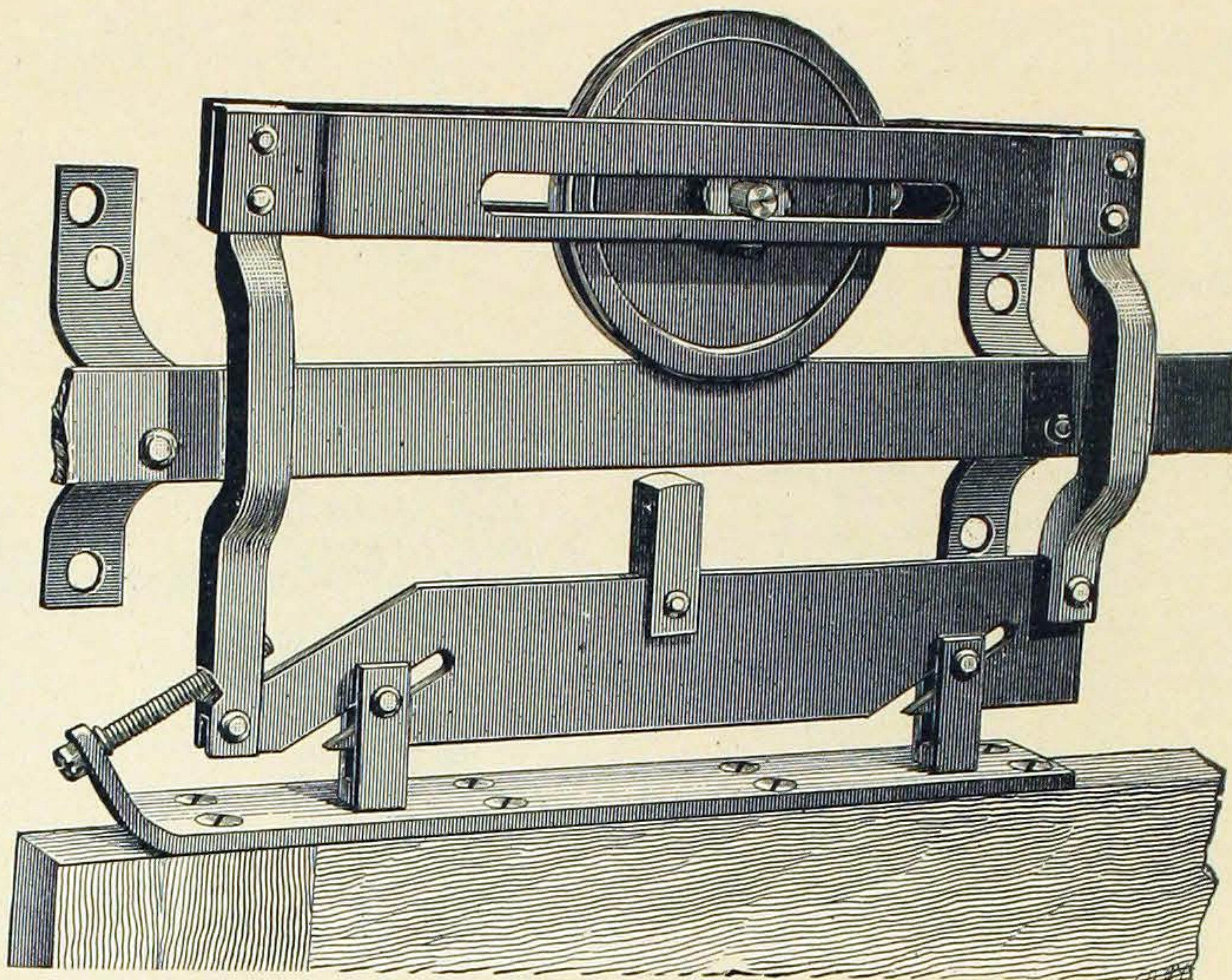
per lineal foot, 20 cts.

"O. N. T." Steel Track, per lineal foot, 7 $\frac{1}{2}$ cts.

"Universal" Hangers equally adapted for either bottom or top of doors, same numbers and prices as "Standard."

Floor Track for "Universal" Hangers, per foot, . . . 9 cts.

LANE'S PATENT PARLOR DOOR HANGER.



The requisites of a perfect Parlor Door Hanger are:

- It should be sure not to break, hence no cast iron or other brittle material should enter into its construction.
- It should be noiseless in action.
- It should move with the least possible friction.
- It should support the door by a single wheel, and that wheel should be directly over the centre of the door.
- It should be secured to the door without the necessity of cutting the latter.
- It should have no portion let in or applied to the front edge of the door.
- It should be easily connected with, or disconnected from the door at any time.
- The adjusting screw should be always easily accessible.
- It should be supported by a single rail.
- The rail should not be subject to swelling, shrinking or distortion after being set up.
- The rail should be secured to one line of studs only.

FOR DOUBLE DOORS, EACH ONE TO SLIDE 4 FEET OR LESS.

Price, per set (of 4 Hangers) including 14 feet of track, gravity stops, striking plates and floor plates, . . . \$6.00

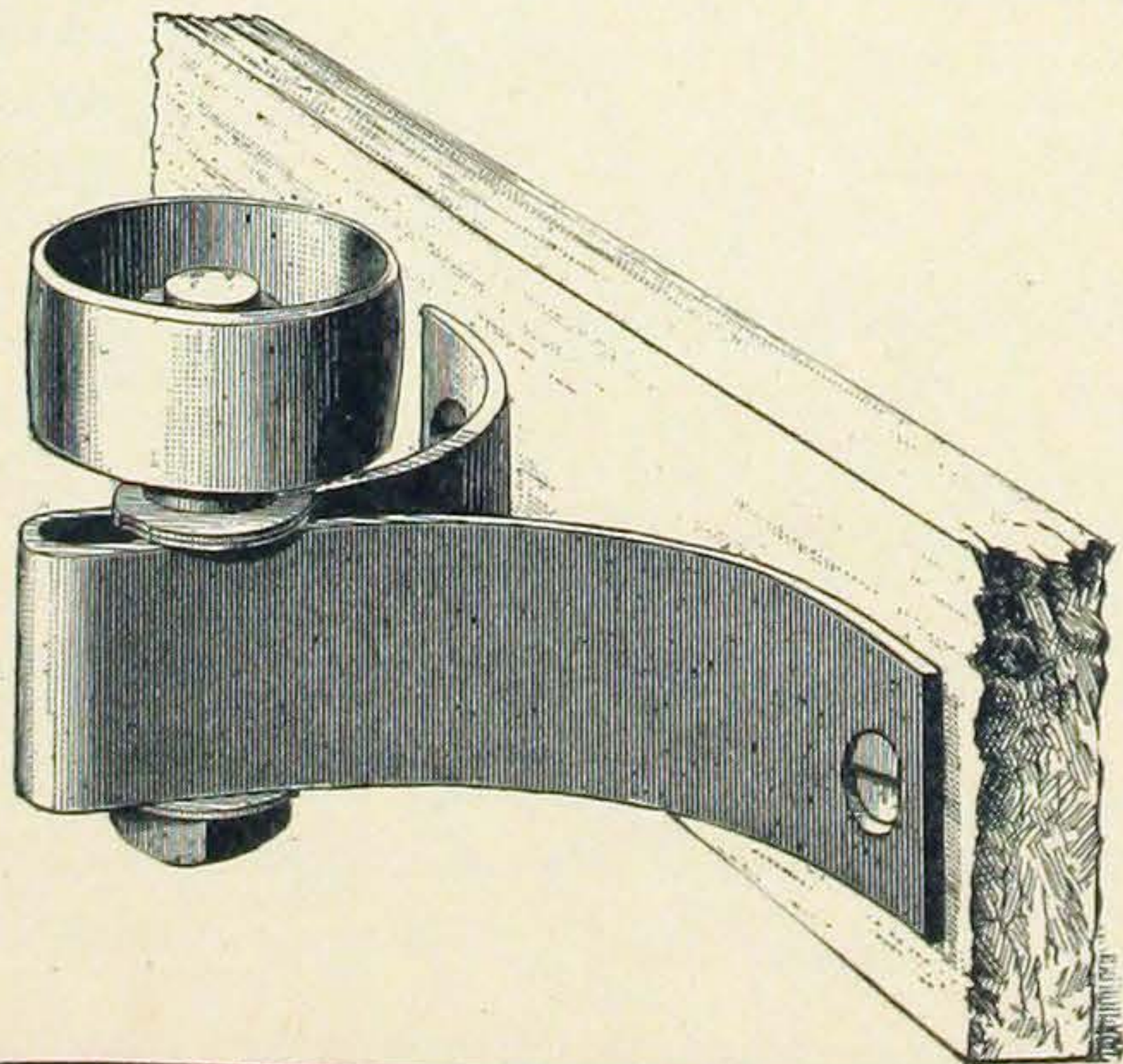
FOR SINGLE DOOR TO SLIDE 4 FEET OR LESS.

Price, per one-half set (of 2 Hangers), including 8 feet of track and fixtures, . . . 3.00

LONG DISTANCE HANGERS.

FOR DOUBLE DOORS TO SLIDE ANY DISTANCE.

Price, per set (of 4 Hangers), with 14 feet of track and fixtures, . . . 8.00
 " per one-half set (2 Hangers), 8 feet of track and fixtures, . . . 4.00
 Extra track, when ordered, per foot, 9 cents.



LANE'S PATENT ADJUSTABLE STAY ROLLER FOR SLIDING BARN DOORS.

MADE WHOLLY OF STEEL, EXCEPT THE WHEEL.

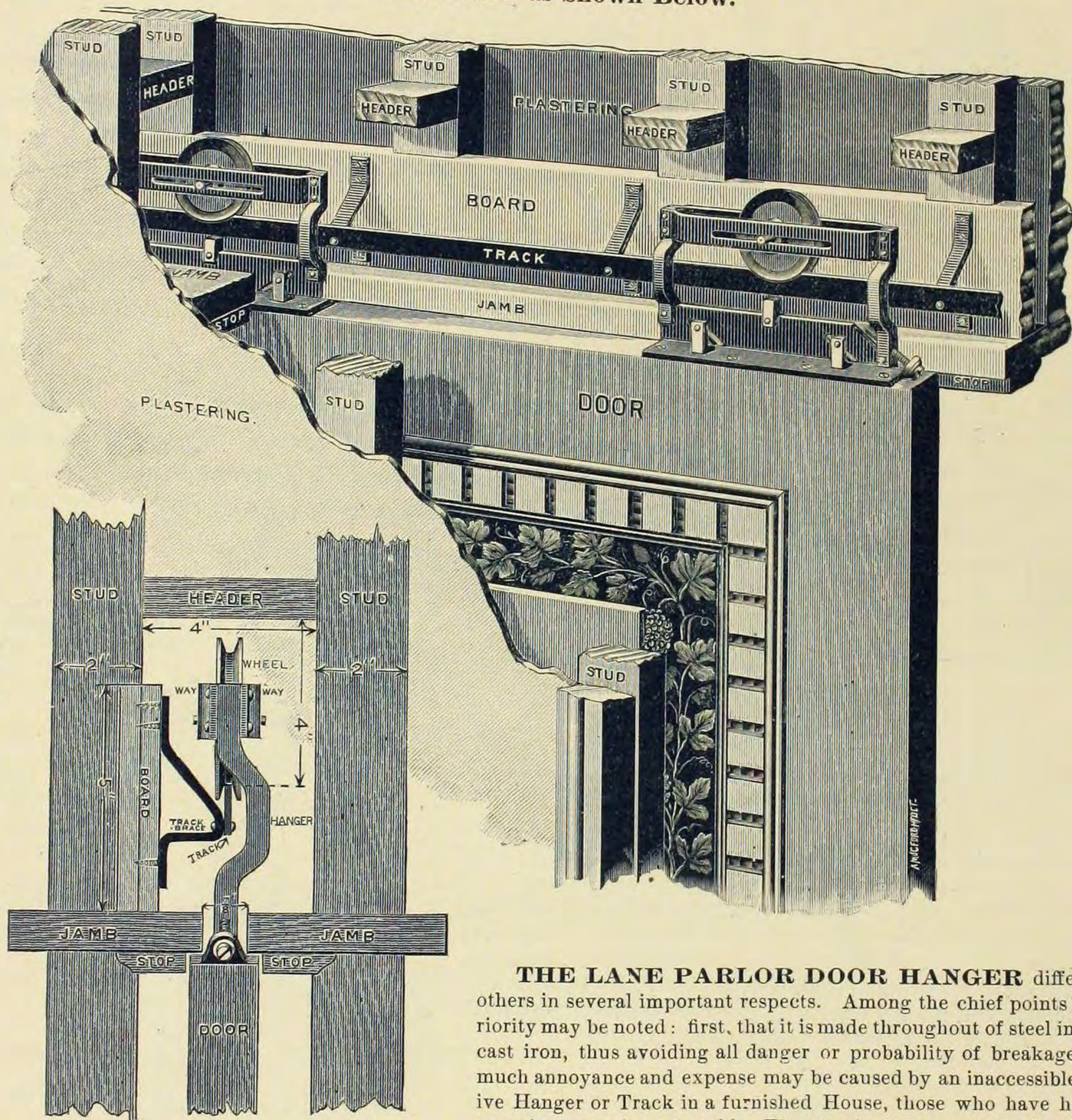
May be adjusted to thickness of doors either before or after fastening to the building by simply turning one nut.

Thoroughly braced, and not liable to derangement under hard usage.

Per dozen, . . . \$1.60

LANE'S PATENT STEEL PARLOR DOOR HANGER.

In Position as Shown Below.



THE LANE PARLOR DOOR HANGER differs from others in several important respects. Among the chief points of superiority may be noted: first, that it is made throughout of steel instead of cast iron, thus avoiding all danger or probability of breakage. How much annoyance and expense may be caused by an inaccessible defective Hanger or Track in a furnished House, those who have had such experience need not be told. The wheels run on a single Steel Track.

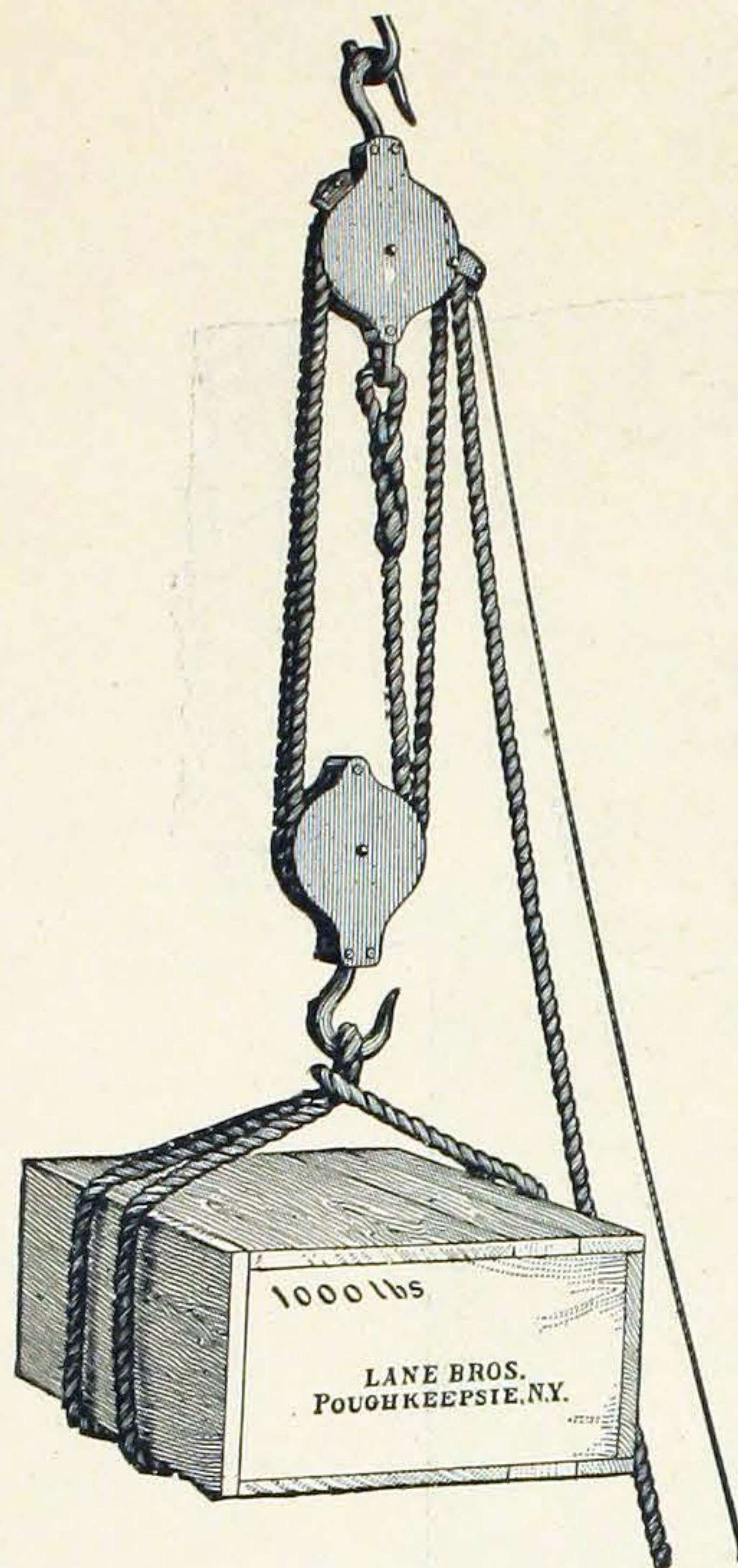
This Track is not liable to such derangement as swelling or shrinking, or springing out of shape from furnace heat or humid air, but is thoroughly durable. The Track being secured to one partition instead of two, as in the case of the common double wood tracks, is not subject to derangement from unequal settling of said partitions. The wheels of this Hanger are made with a centre of the very best sole-leather, the edge of which forms the rolling surface. This leather is a solid disc extending quite to the axle, and is firmly pressed and held between steel discs by means of steel nuts on a steel axle. The use of the leather in the wheel causes it to run with the noiselessness of a bicycle, and the wear on the leather being a rolling one only, renders it practically indestructible. The extreme simplicity of this Hanger and Track makes its erection easy, and cost for labor very light; some carpenters say taking but a quarter of the time required for other kinds, and no cutting of doors; so that, if at a greater first cost, the expense when erected will generally be found much less than where the cheap grades of Hangers are used.

Avoidance of doors warping. We accomplish this by using one track only, the Hanger suspended directly beneath it, and the middle of the door fastened to the Hanger, so that the whole weight of the door is suspended plumb from the Track, tending to keep it straight and true. The principle is well-known to the horseman as applied to his whip. The axle of the Hanger Wheel does not run in a solid box, but is of the anti-friction type, and most people now recognize the great superiority of anti-friction Hangers over the old style, noisy, hard running kind with fixed bearings. Each Hanger may be adjusted independently of the other by the use of a screw-driver and without derangement of any part. The Stop we make of steel, and place at the rear of the door and midway; the door thus will strike square as it should do. We make the Stop on the gravity principle, and if either door should need to be run out in the passage way, a knife blade may be inserted at the side and rear edge of the door, turning the Stop one-quarter way around, when the door will be free to pass out.

Lane's Patent Automatic Lock Tackle Blocks.

LANE'S PATENT TACKLE BLOCKS.

Anti-Friction Bushings. Steel Case. Automatic Lock.



The case is of wrought steel, and the bushings of the sheave-wheels are formed of steel rollers—never requiring oil—working with great ease and little perceptible wear. The Lock has a long bearing, made to fit the rope, and moves with it, when acting, without injury to the rope, and the load is held at any point.

The blocks are furnished as an article complete and ready for use, with sufficient best manila rope for 10 feet hoist. Extra rope for longer hoists at market price.

Used by BUILDERS, HOUSE PAINTERS, MACHINISTS, FARMERS, QUARRYMEN, and in all places where ordinary Pulley Blocks are used, and at a great saving, one man often doing the work of two. The sheaves do not run on a pin, but on anti-friction steel roller bushings. See enlarged cut.

Transparency, giving interior view of Lane's Tackle Blocks, showing Anti-Friction Steel bushings, Automatic lock, etc.

DIRECTIONS.

In using these Blocks, always pull on the hoisting rope to release the lock before pulling the check cord.

These Blocks may be used as a free hoist by fastening a weight of about 3 or 4 pounds to the check cord. If this is done, the load may be raised or lowered freely, the same as with blocks having no self-sustaining attachment; but whenever it is desired to hold the load, step back a few feet from beneath the upper block with the hoisting rope and slack it, which will cause the lock to act and sustain the load. Should the rope, on account of getting wet or from other cause, show inclination to twist, run the blocks together and take the twist out of the free end of the rope same as with any blocks.

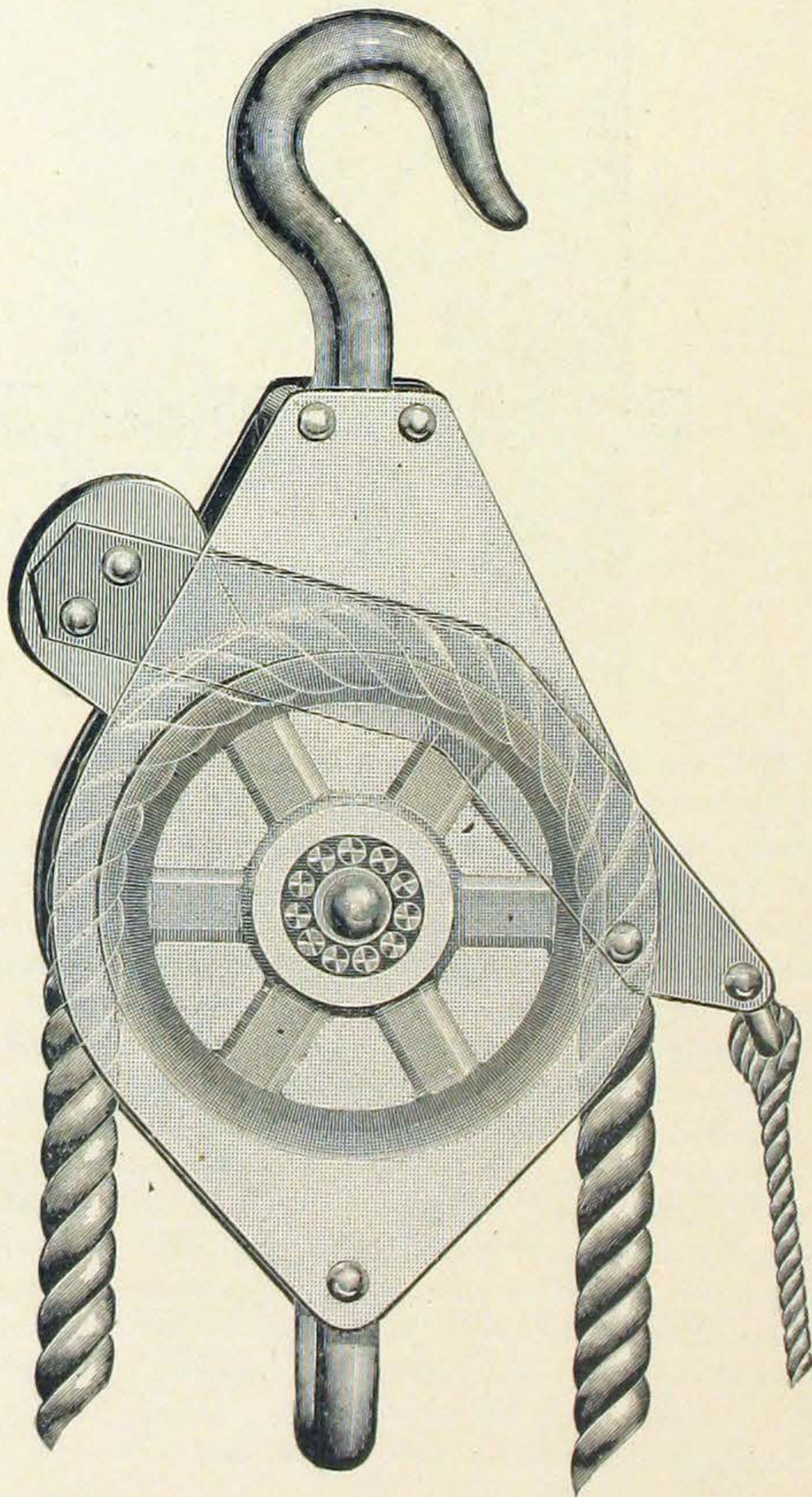
SIZES.

Lane Tackle Blocks.

No.	No. of Sheaves.	Size Rope.	Lbs. One Man can Hoist.	Lbs. Capacity.	Price, with Rope for 10 feet Hoist.	Without Rope.
9	2 and 1	5-8	350	1000	\$ 6 50	\$ 5 70
10	2 and 2	"	500	1500	7 00	6 00
11	3 and 2	"	625	2000	8 00	6 80
12	3 and 3	"	750	3000	9 00	7 60
13	4 and 3	"	900	3500	10 00	8 35
9	2 and 1	3-4	350	1250	7 80	6 50
10	2 and 2	"	500	1800	8 65	7 00
11	3 and 2	"	625	2500	10 00	8 00
12	3 and 3	"	750	3700	11 25	9 00
13	4 and 3	"	900	4000	12 50	10 00

SINGLE SNATCH BLOCK—ANTI-FRICTION.

Taking 5-8 Rope,	\$2 00
" 3-4 "	2 50



AGENTS FOR

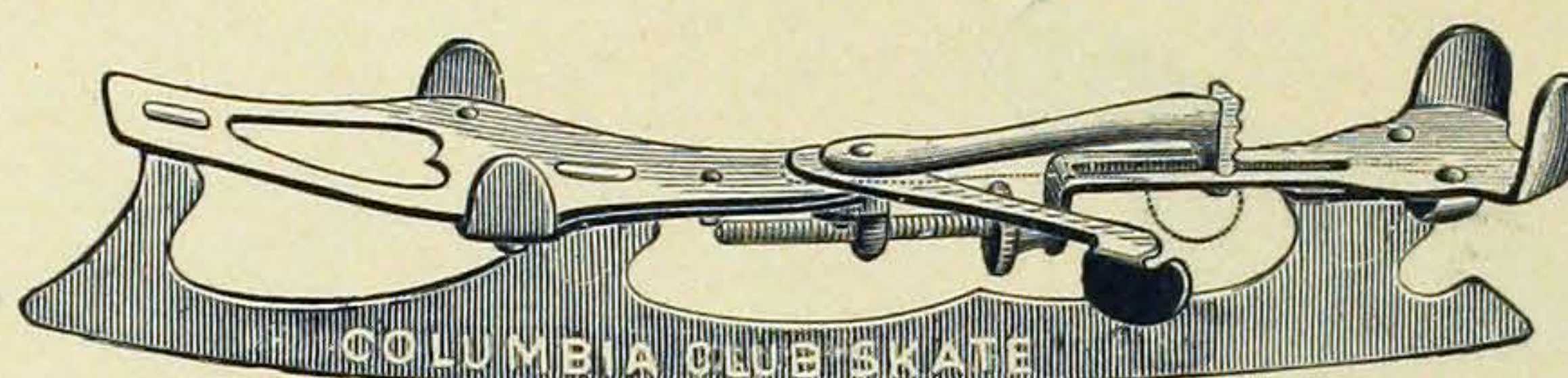
P. LOWENTRAUT,

MANUFACTURER OF

Hardware, Mechanics' Tools, Skates, Etc.

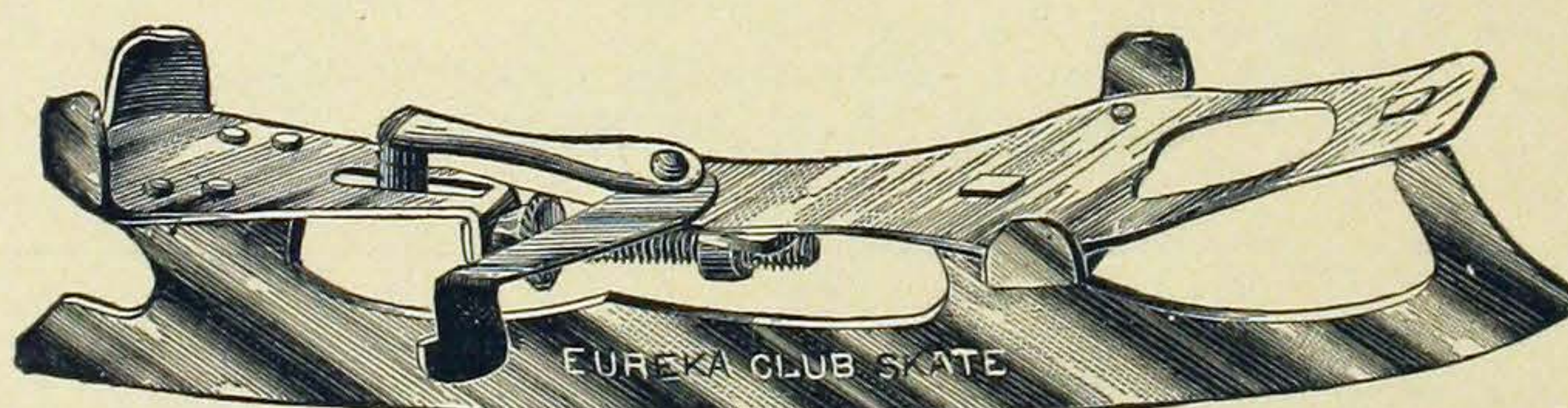
SKATES.

Columbia Club.



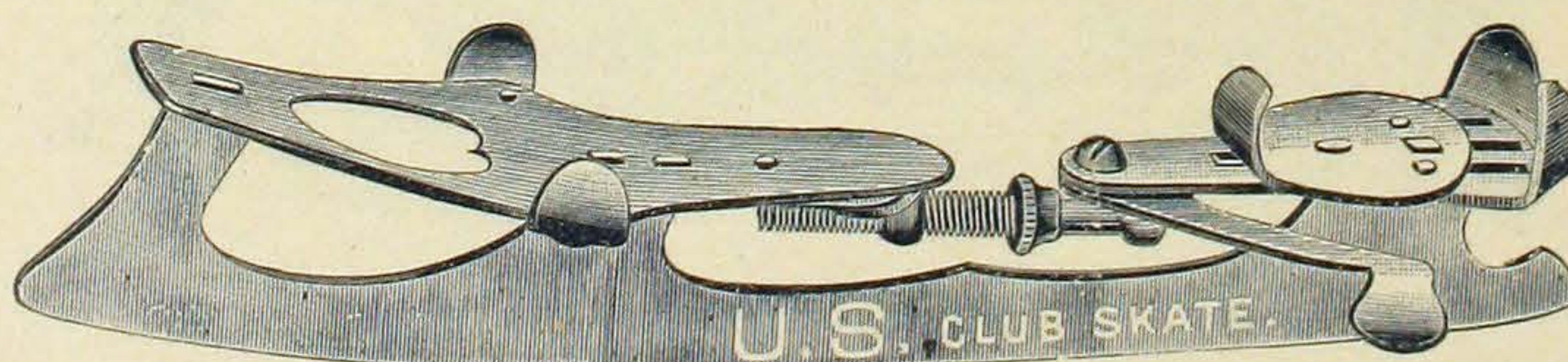
- No. 1. Gray finish, solid steel runner, per pair, \$1.50
 Sizes, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 inch.

Eureka Club.

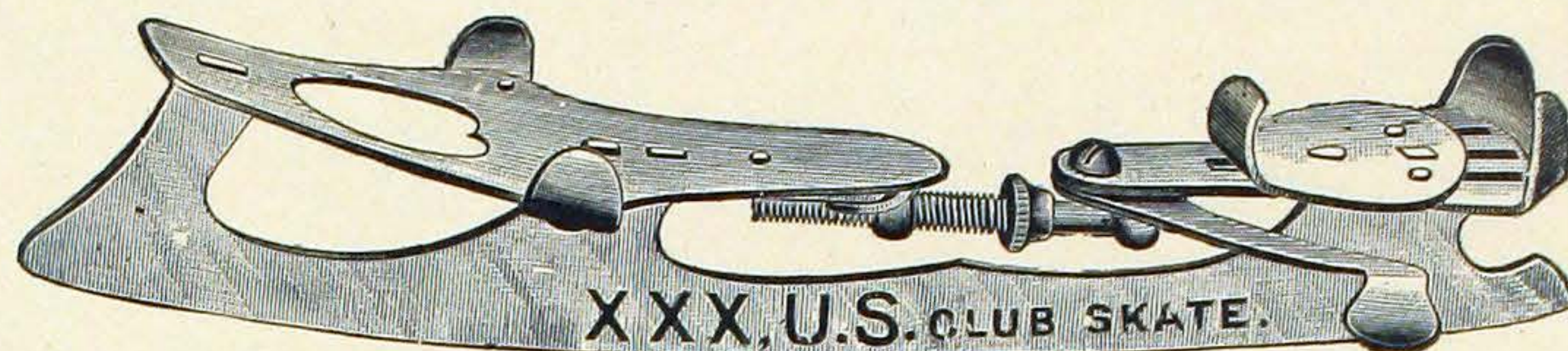


- No. 5. Gray finish, welded and hardened runner, per pair, \$2.00
 " 6. Blued finish, " " " " " " " " " " " 3.00
 " 7. Polished and full nickel-plated finish, " 4.00
 Sizes, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 inches.

"U. S." Club.

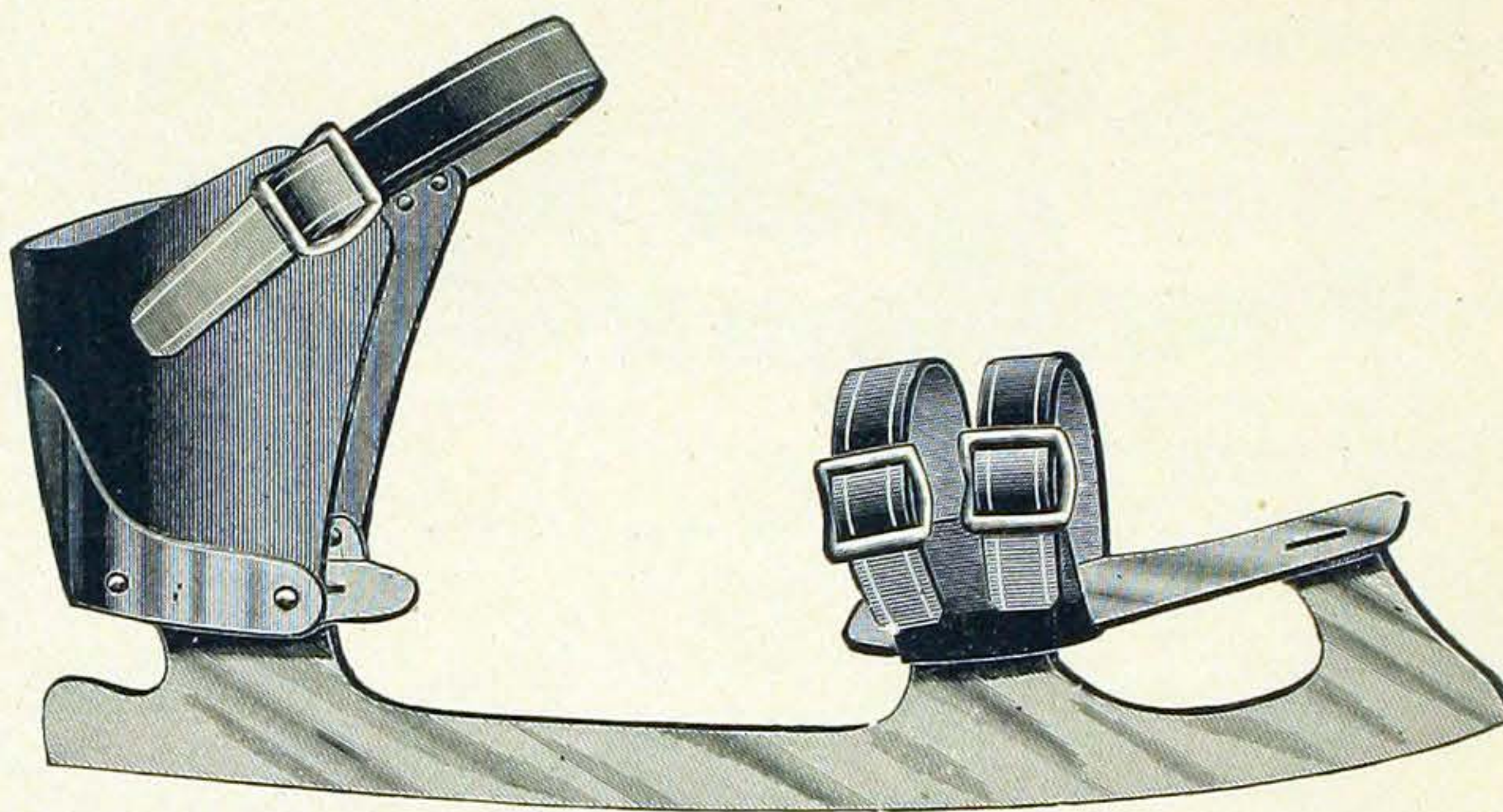


- No. 8. Gray finish, solid steel runner, per pair, \$1.50
 Sizes, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 inches.

"XXX U. S." Club.

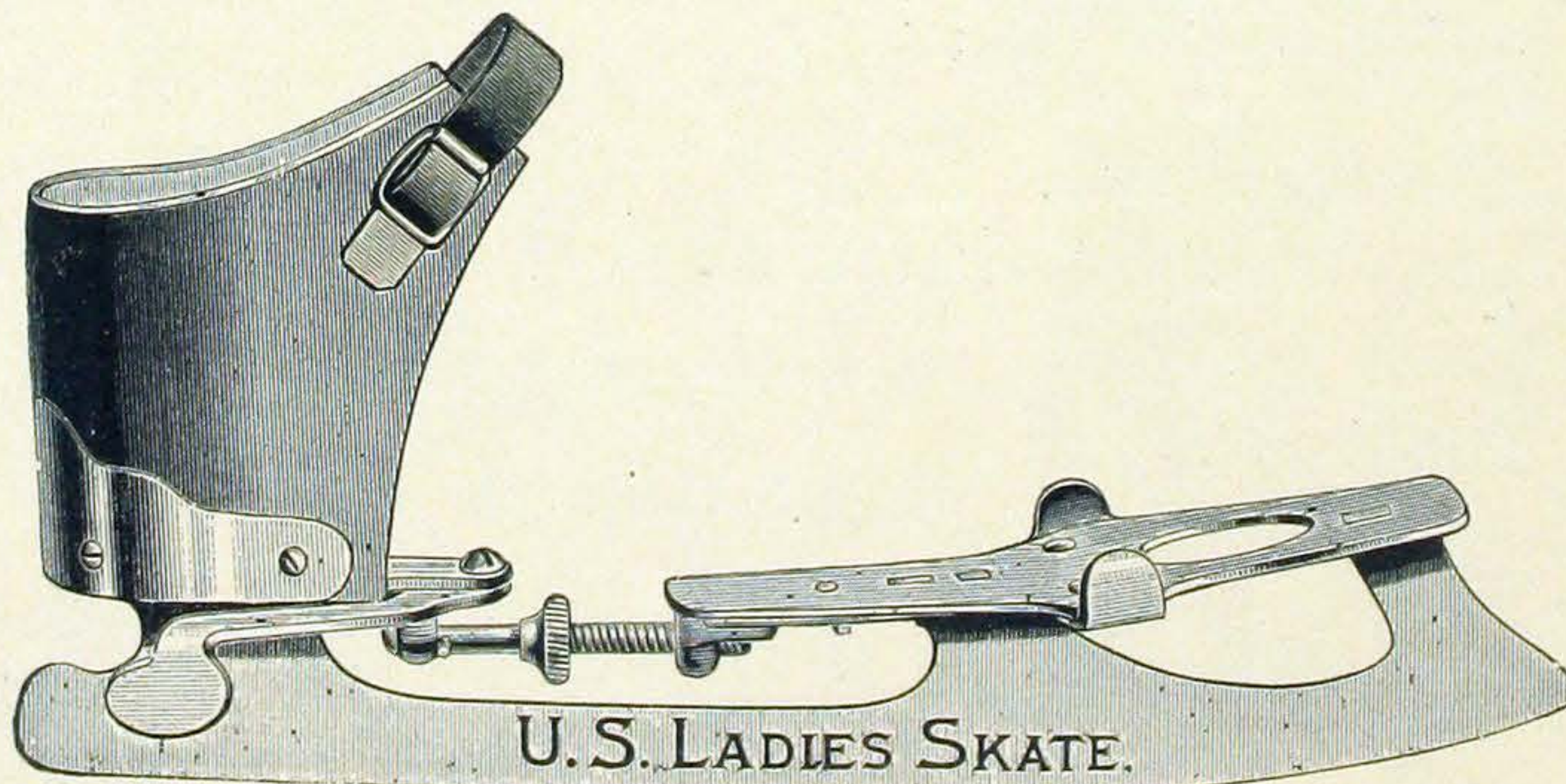
No. 10.	Gray finish, welded and hardened runner,	per pair, \$2.00
" 11.	Gray nickel finish, welded and hardened runner,	" 3.00
" 12.	Blued finish, " " " "	" 3.00
" 13.	Polished and full nickeled, welded and hardened runner,	" 4.00
" 14.	Extra polished and extra fine nickel-plated finish, welded and hardened runner,	" 5.00

Sizes, 8, 8½, 9, 9½, 10, 10½, 11, 11½, 12 inches.

Ladies' Skate.

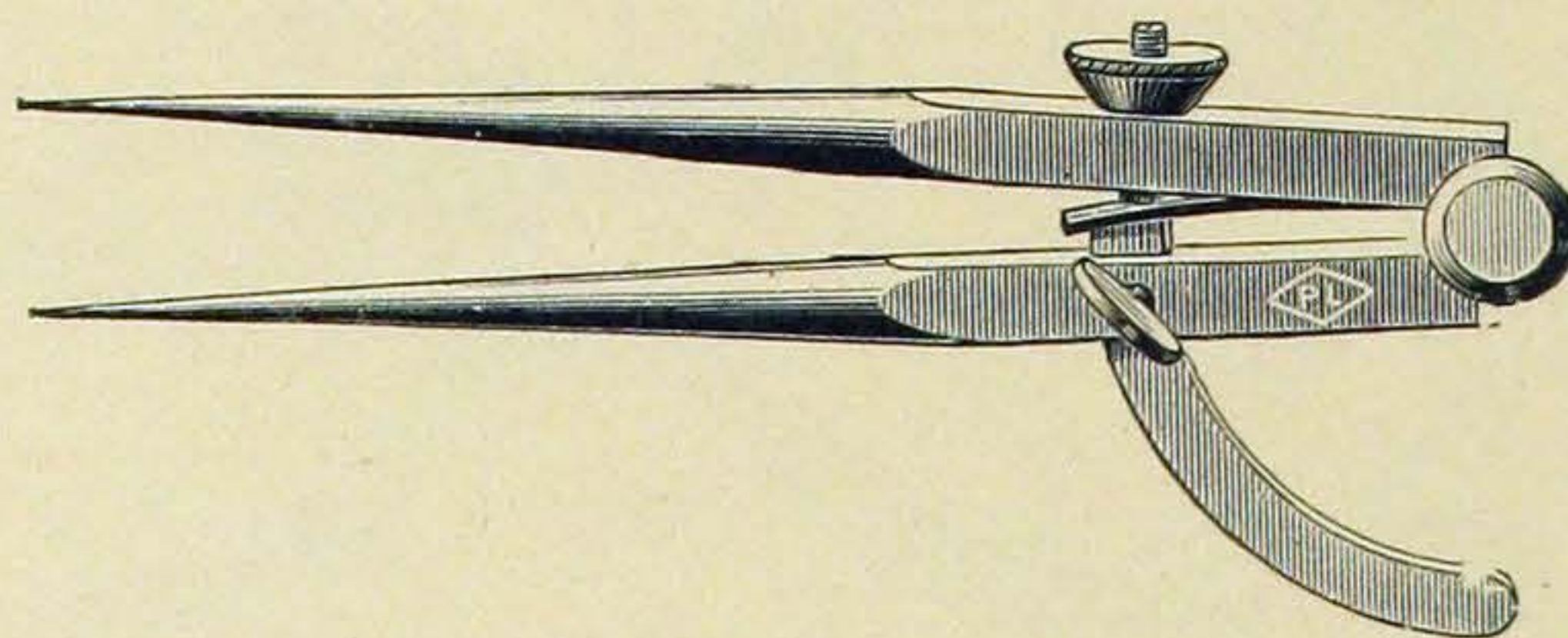
No. 15½.	Black leather toe and heel straps,	per pair, \$2.00
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Sizes, 8, 8½, 9, 9½, 10, 10½ inches.

"U. S." Ladies' Club.

No. 16.	Gray finish, solid steel runner, with tongue buckle,	per pair, \$2.50
" 17.	Polished and full nickeled, welded and hardened runner,	" 4.50
" 18.	Extra polished and extra fine nickel-plated, welded and hardened runner,	" 5.50

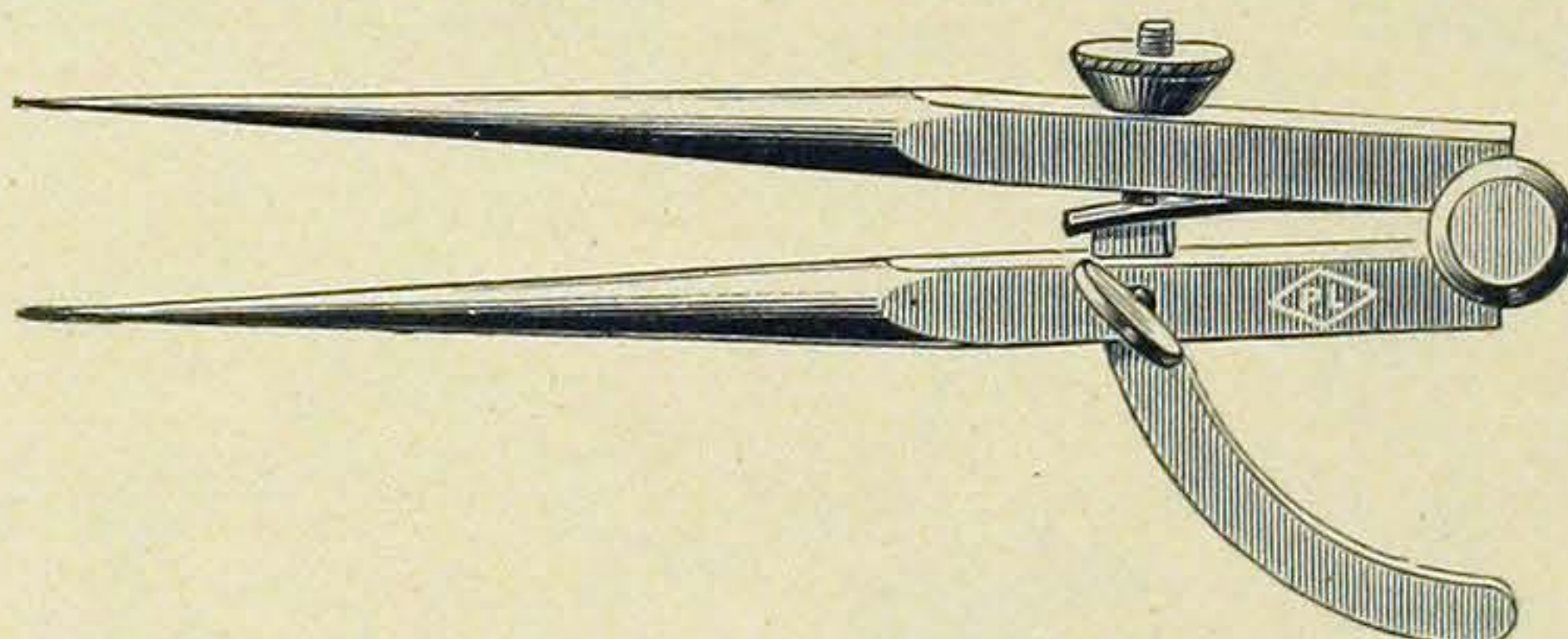
Sizes, 8, 8½, 9, 9½, 10, 10½ inches.

Wing Dividers.**No. 1.**

Solid cast steel, forged; extra fine finish, with brass washers.

Inch,	5	6	7	8	9	10	12	15	18	20	24
Per dozen,	\$5.50	5.50	6.50	7.50	9.00	10.00	12.00	18.00	25.00	30.00	36.00

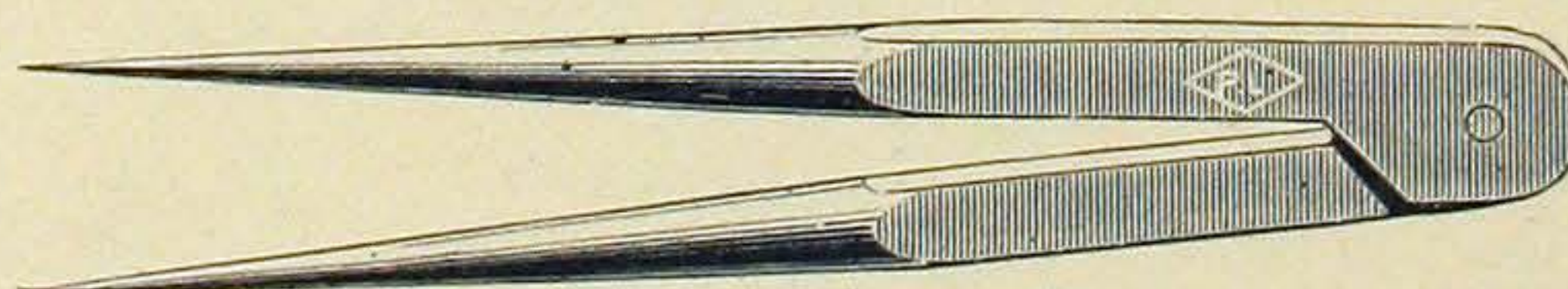
Packed in boxes of one dozen, from 5 to 8 in. Larger sizes, one-half dozen in a box.

Wing Dividers.**No. 2.**

Solid cast steel, forged; extra fine finish, with steel washers.

Inches,	5	6	7	8	9	10	12	15	18	20	24
Per dozen,	\$5.50	5.50	6.50	7.50	9.00	10.00	12.00	18.00	25.00	30.00	36.00

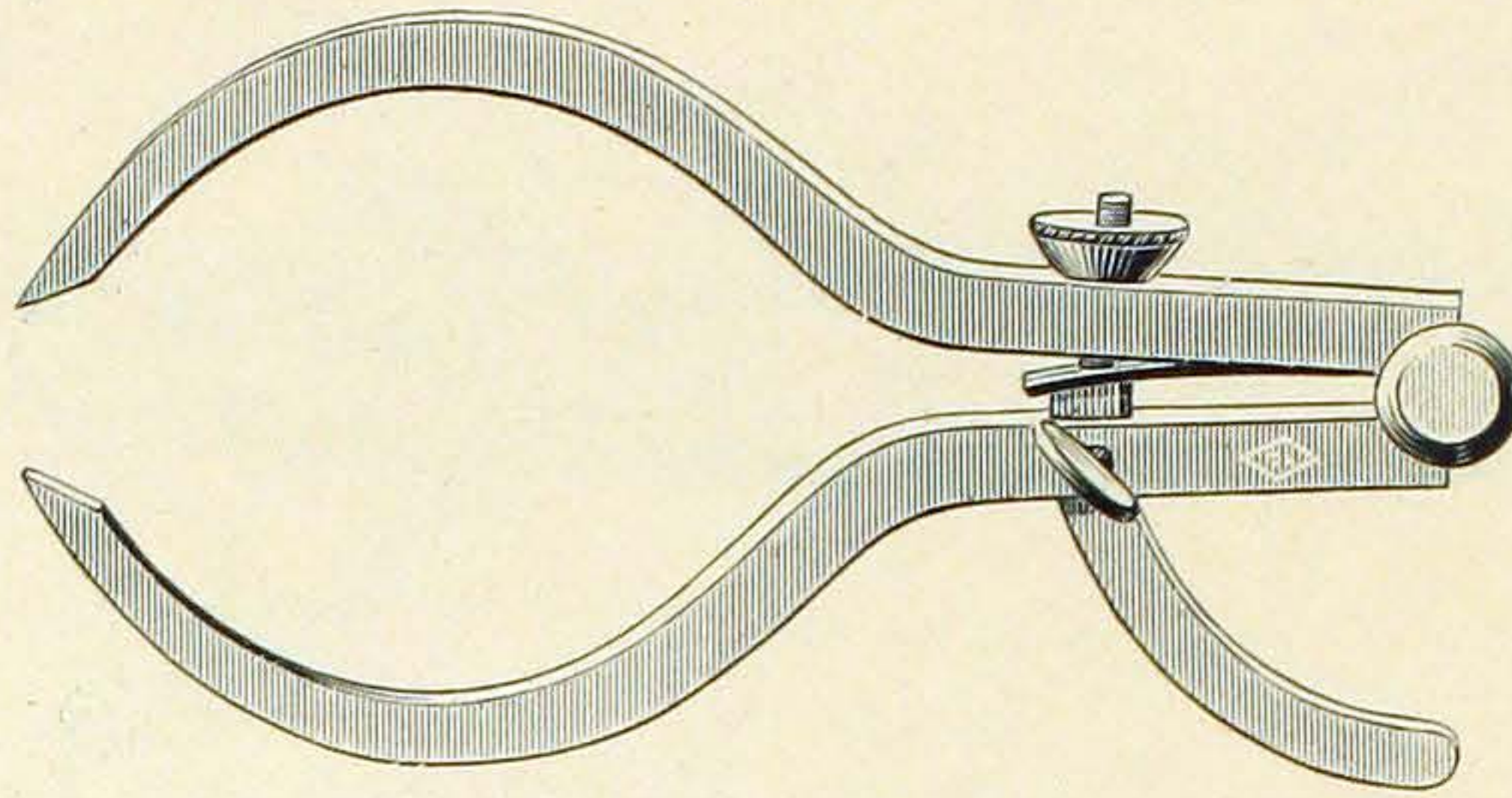
Packed in boxes of one dozen, from 5 to 8 inch. Larger sizes, one-half dozen in a box.

Compasses.**No. 3.**

Cast steel.

Inches,	3½	4	5	6	7	8	9	10	12
Per dozen,	\$3.25	3.25	3.50	4.00	4.75	5.50	6.50	7.50	8.00

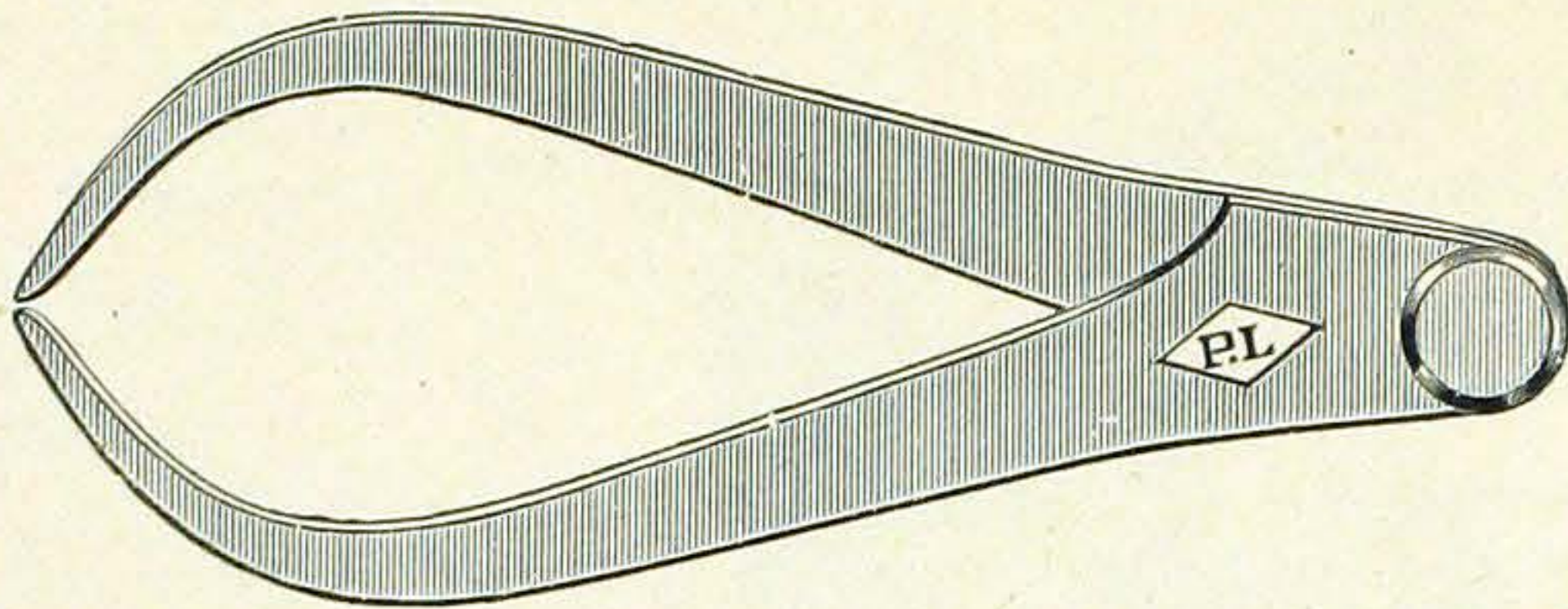
Packed one dozen in a box.

Wing Callipers.**No. 4.**

Cast steel spring and set screw.

Inches,	6	8	10	12	15	18	20	24
Per dozen,	\$7.00	9.00	11.00	13.00	17.50	20.00	25.00	30.00

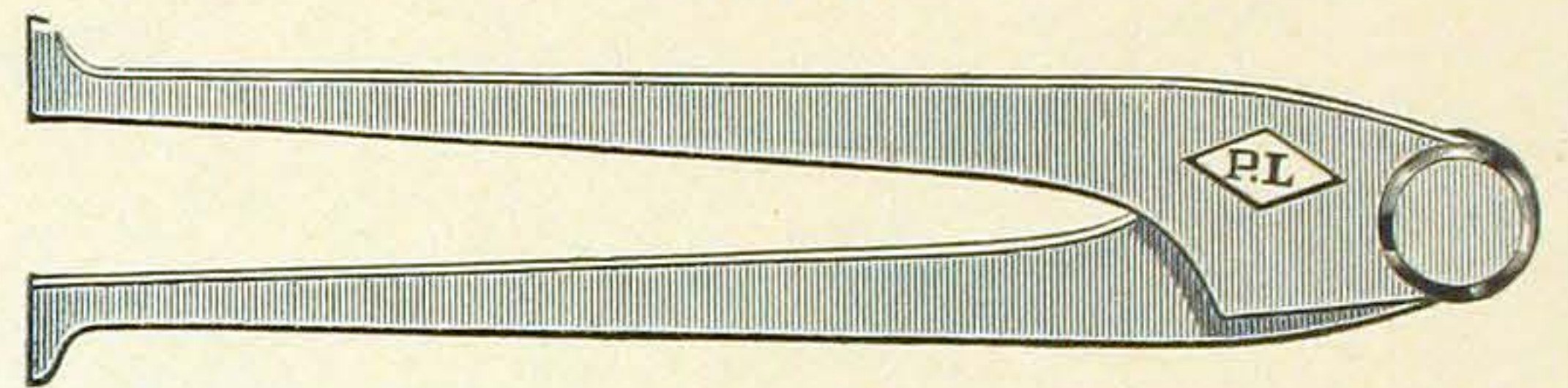
Half-dozen in a box.

Outside Callipers.**No. 5.**

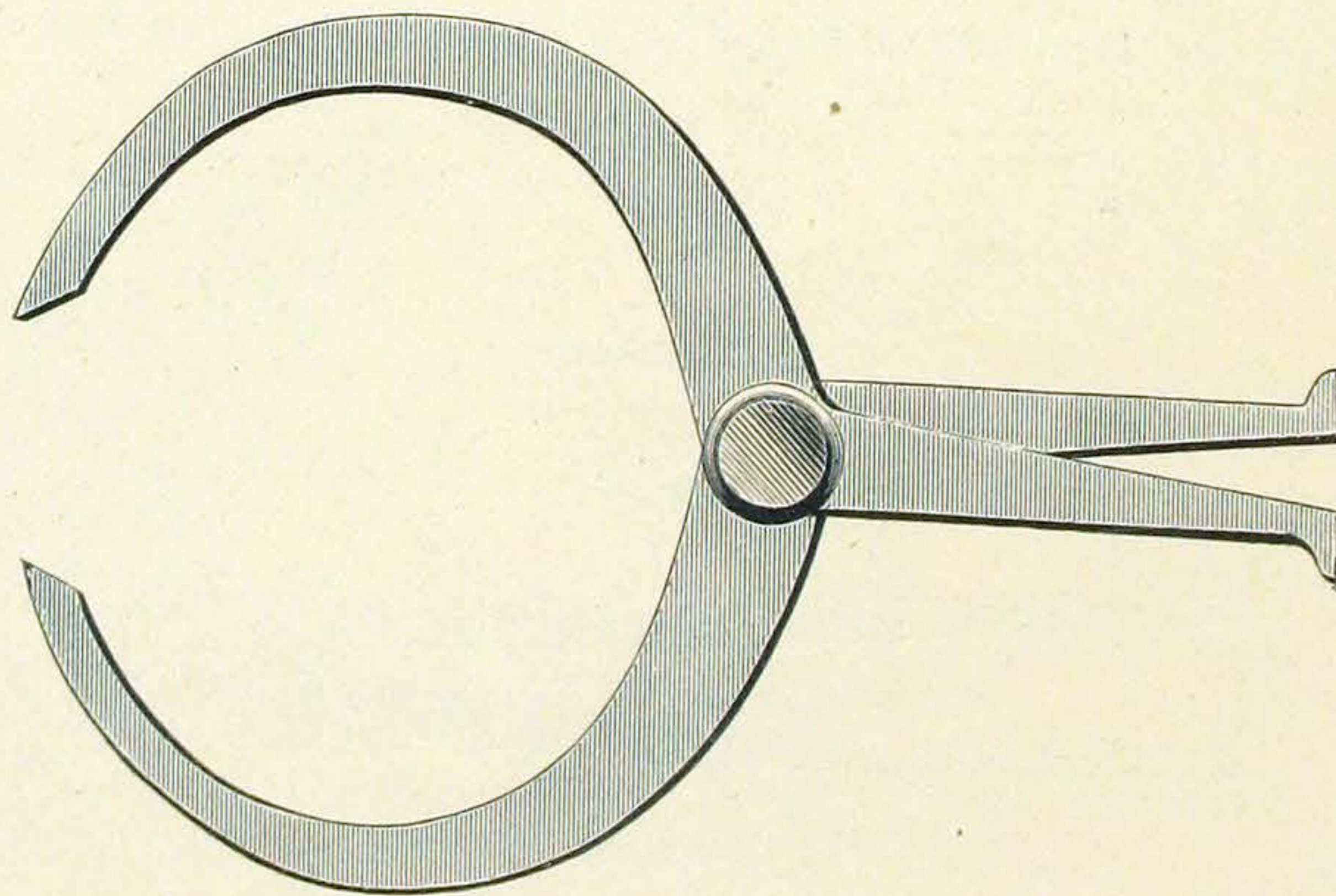
Cast steel.

Inches,	2½	3	4	5	6	7	8
Per dozen,	\$2.40	2.65	2.85	3.30	3.75	4.40	5.35
Inches,	9	10	12	15	18	20	24
Per dozen,	\$5.90	6.50	8.00	10.50	14.00	17.00	22.00

One dozen in a box.

Inside Callipers.**No. 6.**

Cast steel.

Double Callipers.**No. 7.**

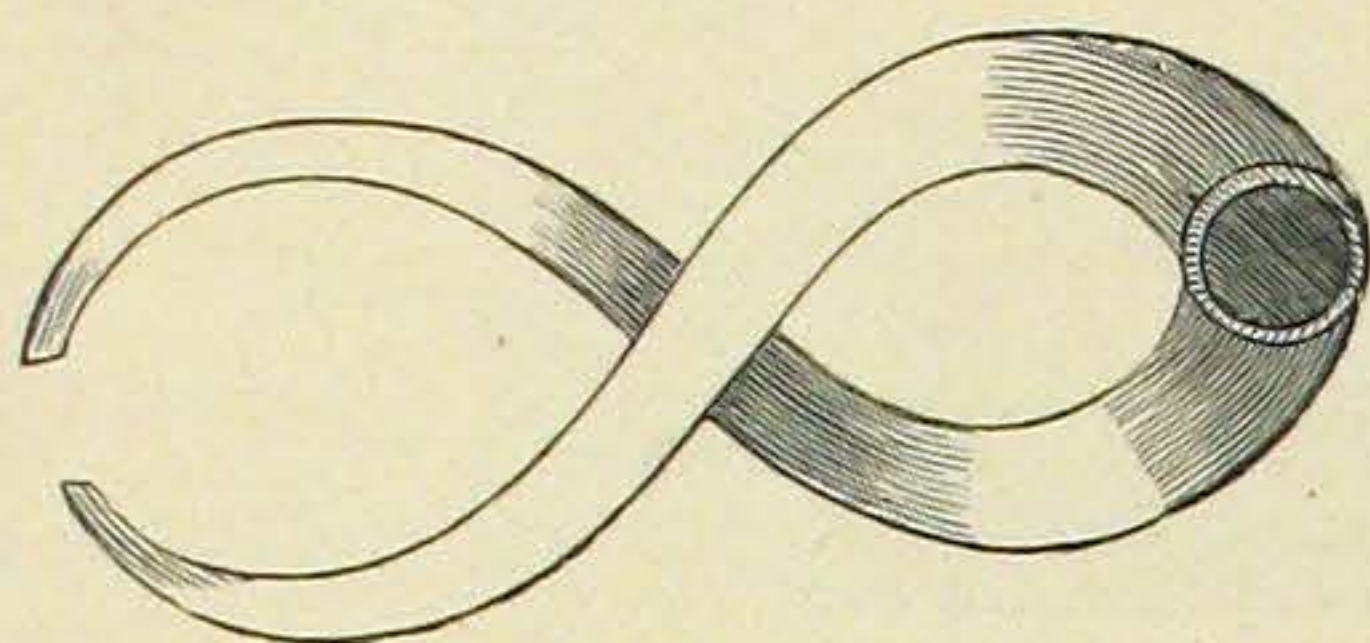
Cast steel.

Inches,	3	4	5	6
Per dozen,	\$3.50	4.25	5.00	6.00

Packed one dozen in a box.

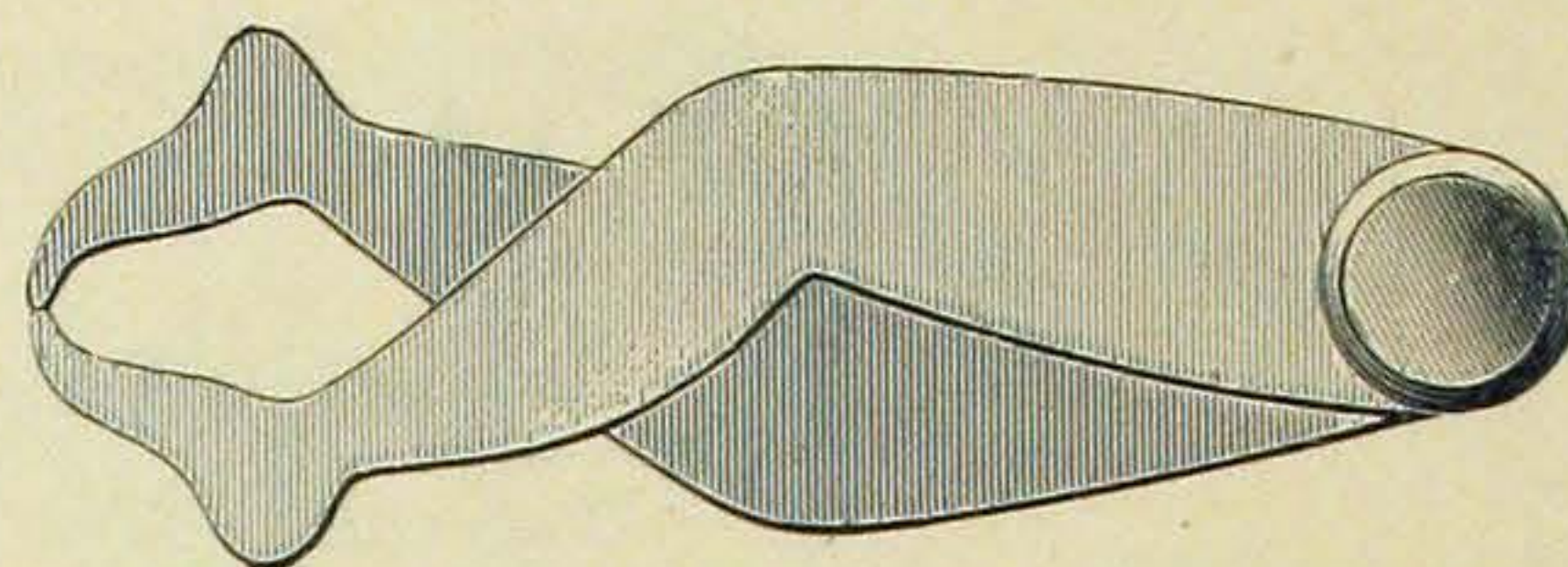
CALLIPERS

**Navy.
No. 8.**



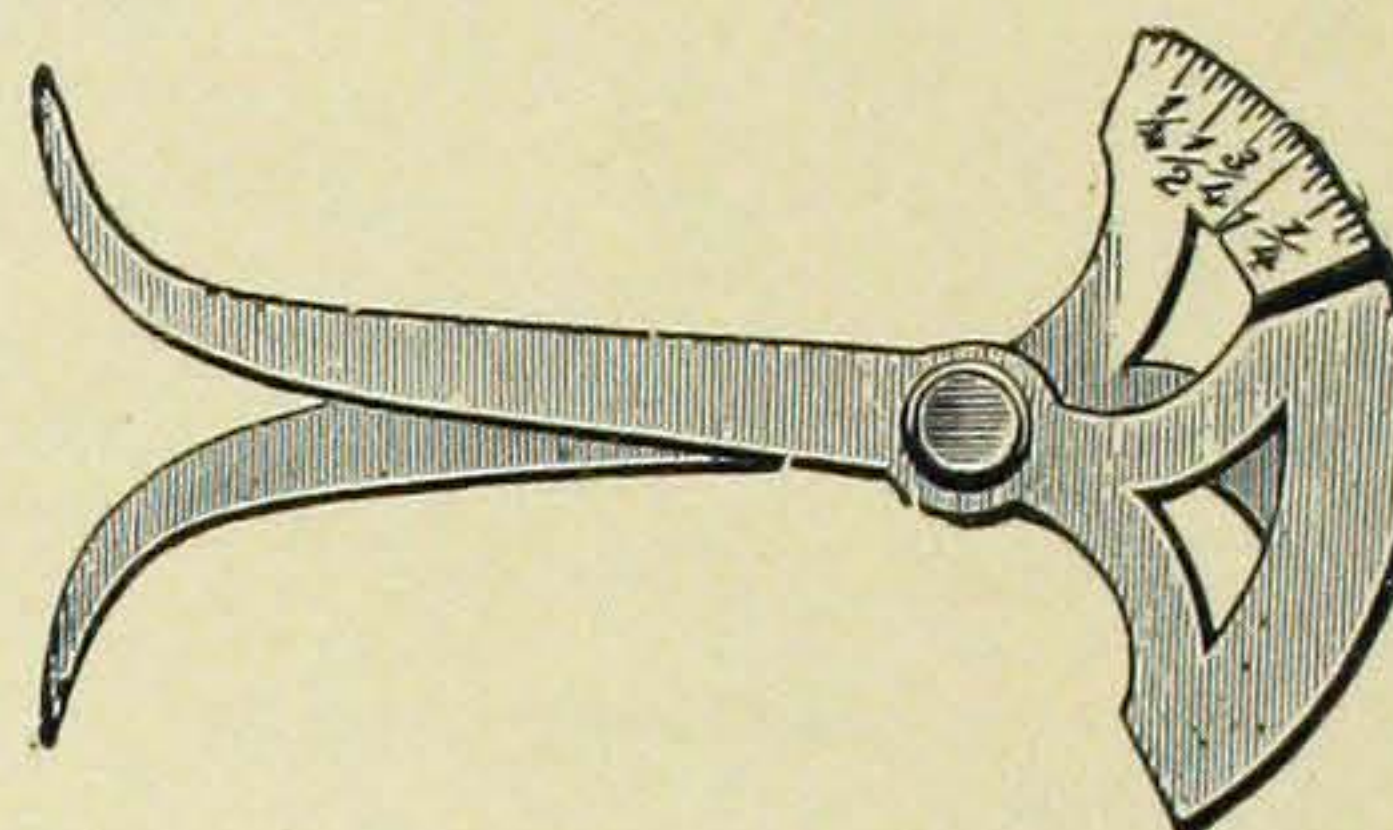
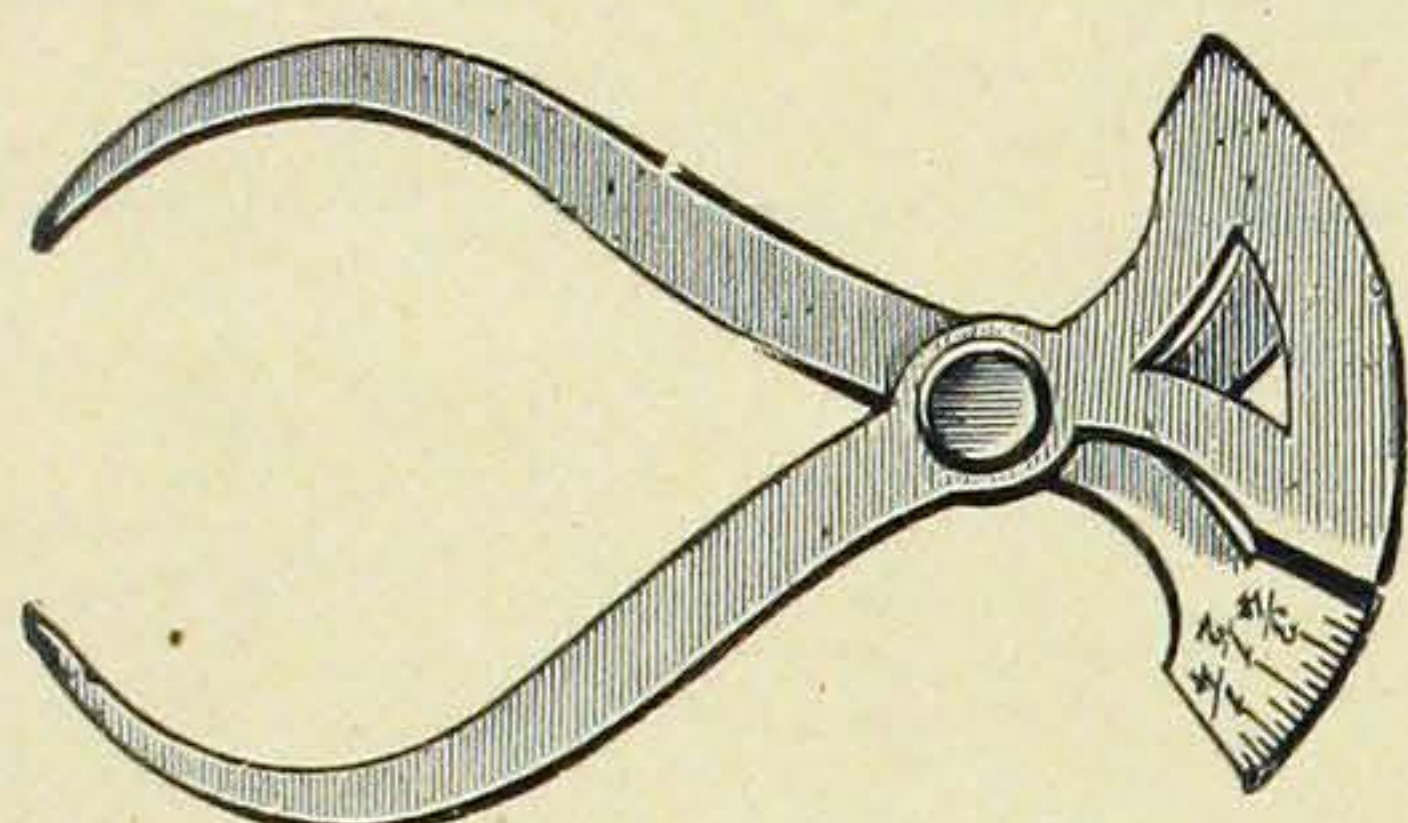
Cast steel, 3½ in., per dozen, \$3.50
Packed one dozen in a box.

**Fancy.
No. 9.**



Cast steel, 2½ in., per dozen, \$3.50
Packed one dozen in a box.

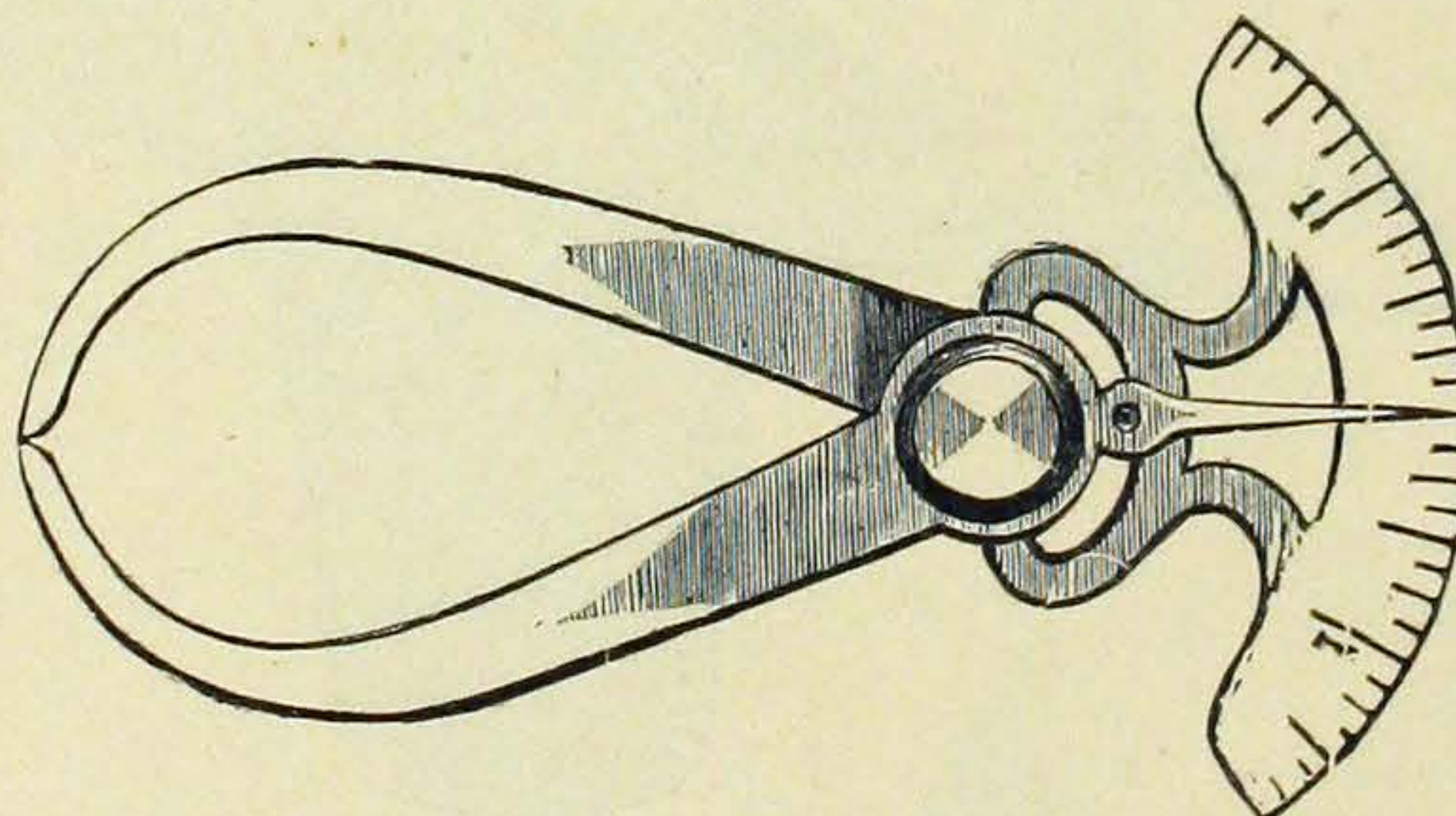
**Self-Registering.
No. 10.**



For measuring inside or outside.

3 inch, Nickel-Plated per dozen, \$7.50
Packed one dozen in a box.

No. 11.

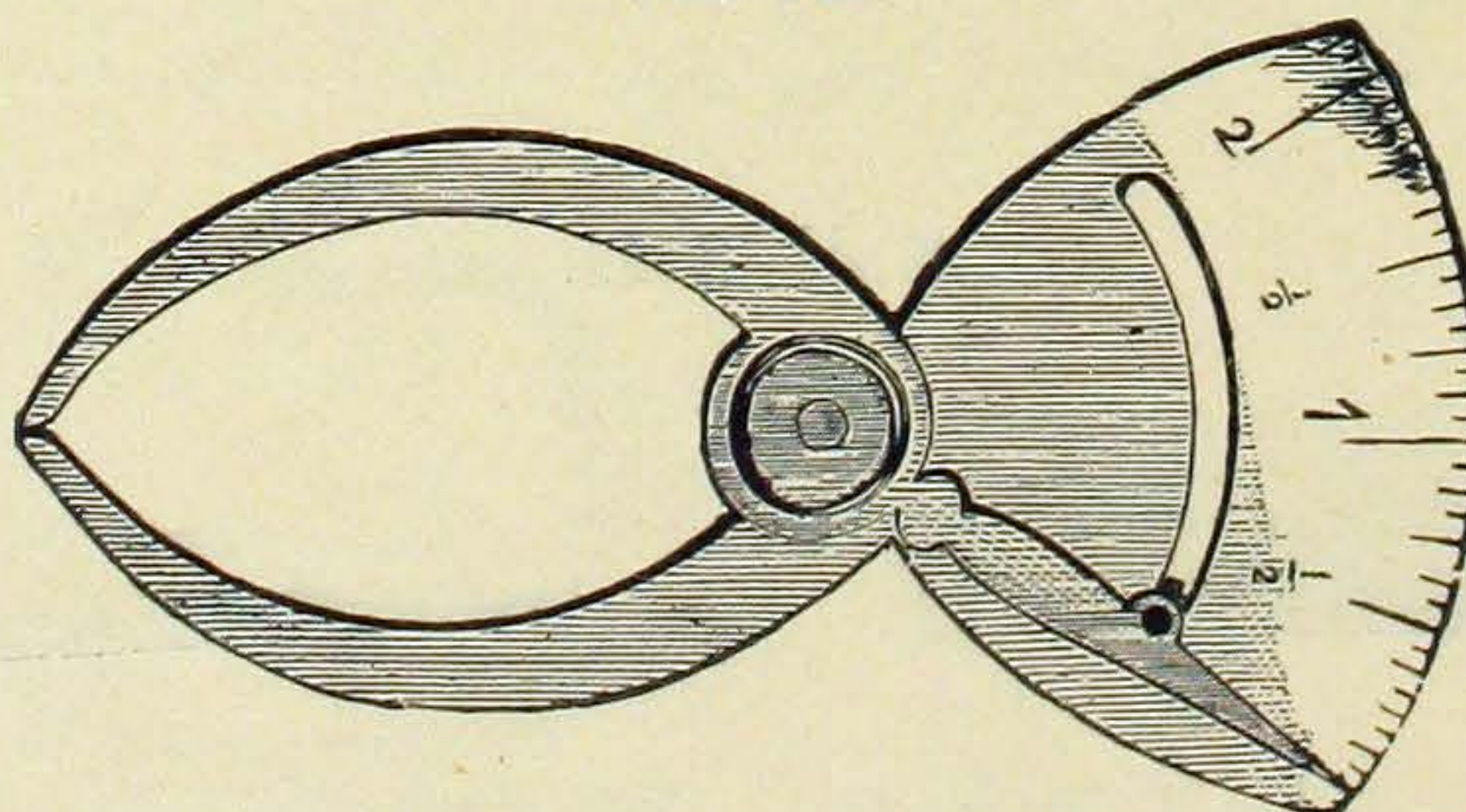


For measuring inside or outside.

3 inch, Nickel-Plated, per dozen,		\$7.00
4 " " " "		9.00
5 " " " "		11.00
6 " " " "		13.00

Packed one-half dozen in a box.

No. 12.

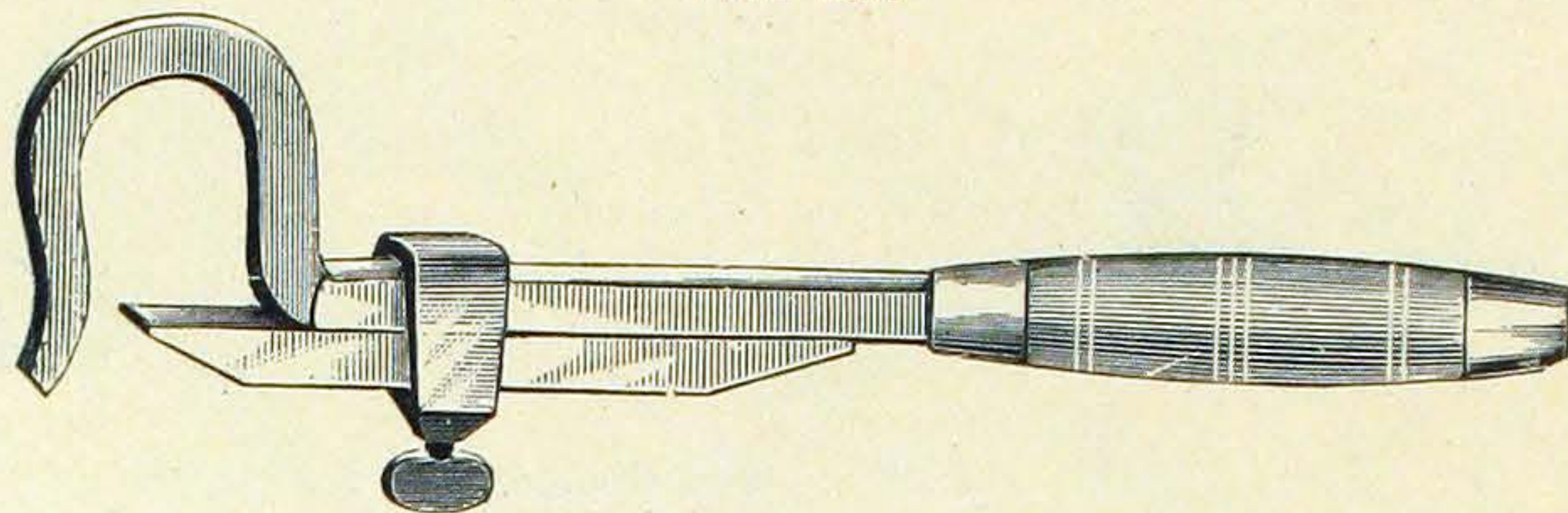


For measuring outside, with Set Screw.

3 inch, Nickel-Plated, per dozen, \$7.50
Packed one dozen in a box.

Turners' Gauges.

No. 13.

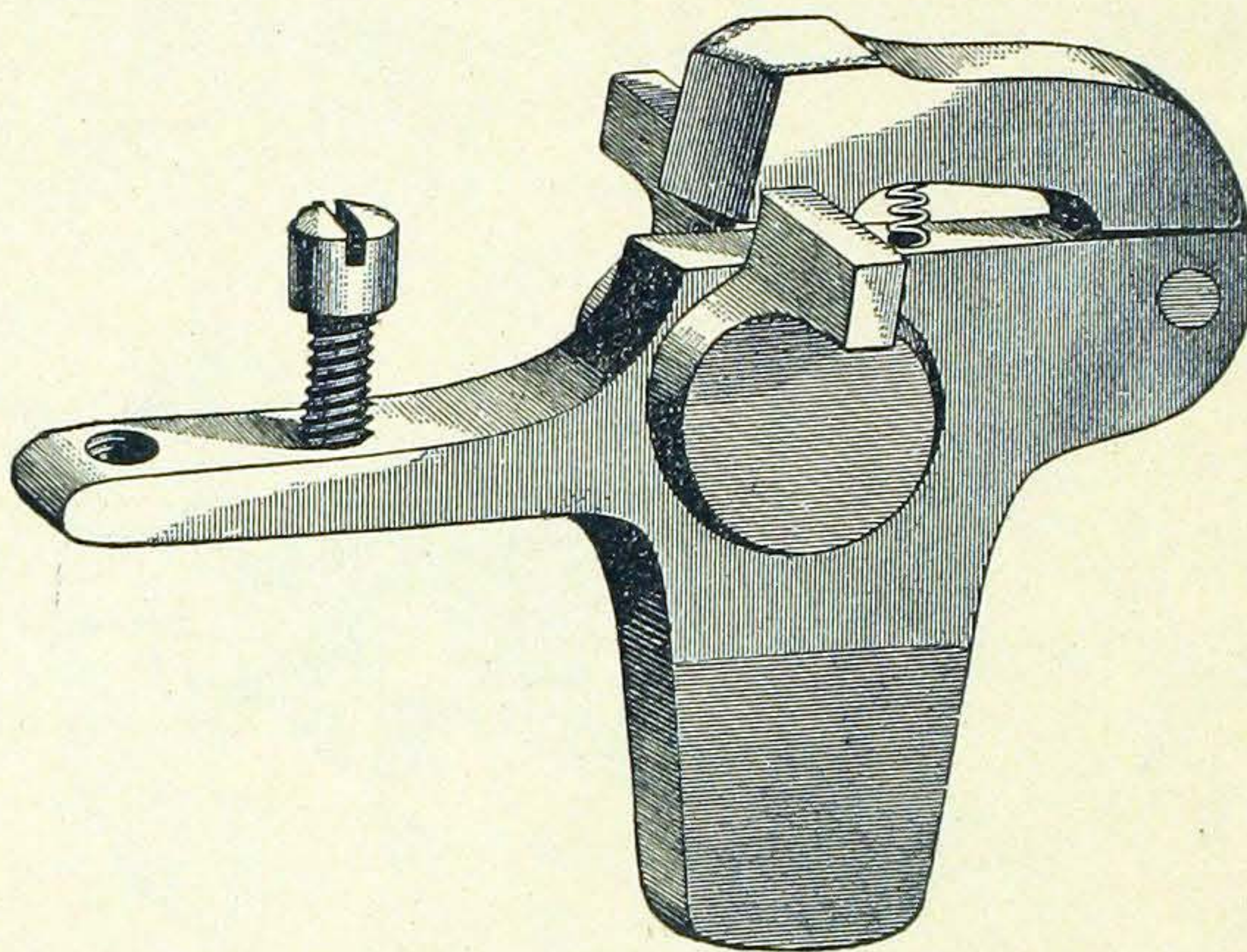


Cast steel, light,	per dozen, \$20.00
" " heavy,	" 24.00

Packed one-half dozen in a box.

Aikens' Saw Sets.

No. 14.



No. 1. Cast steel, face and hammer, light,	per dozen, \$6.00
" 2. " " " heavy,	" 7.50
" 3. Common,	" 5.00

Packed one-half dozen in a box.

Nail Sets.

No. 15.

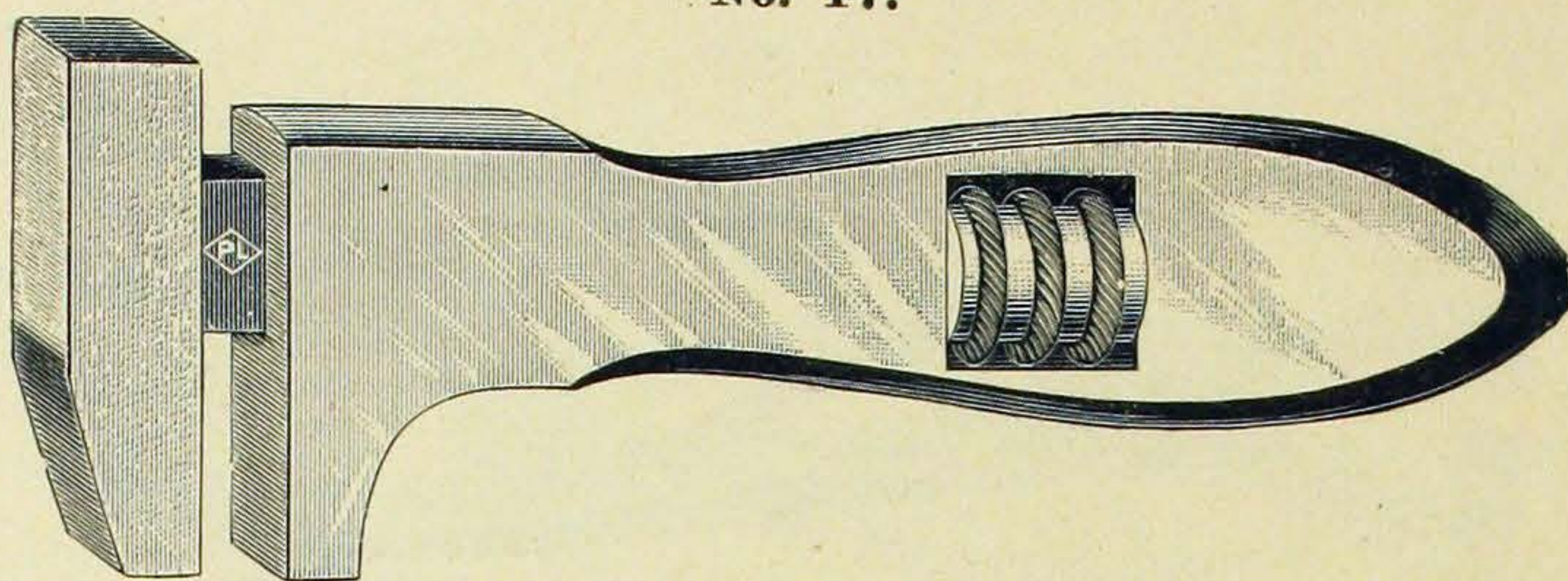


No. 16.



Cast steel, bright, square,	per gross, \$6.00	Cast steel, bright, octagon,	per gross, \$8.00
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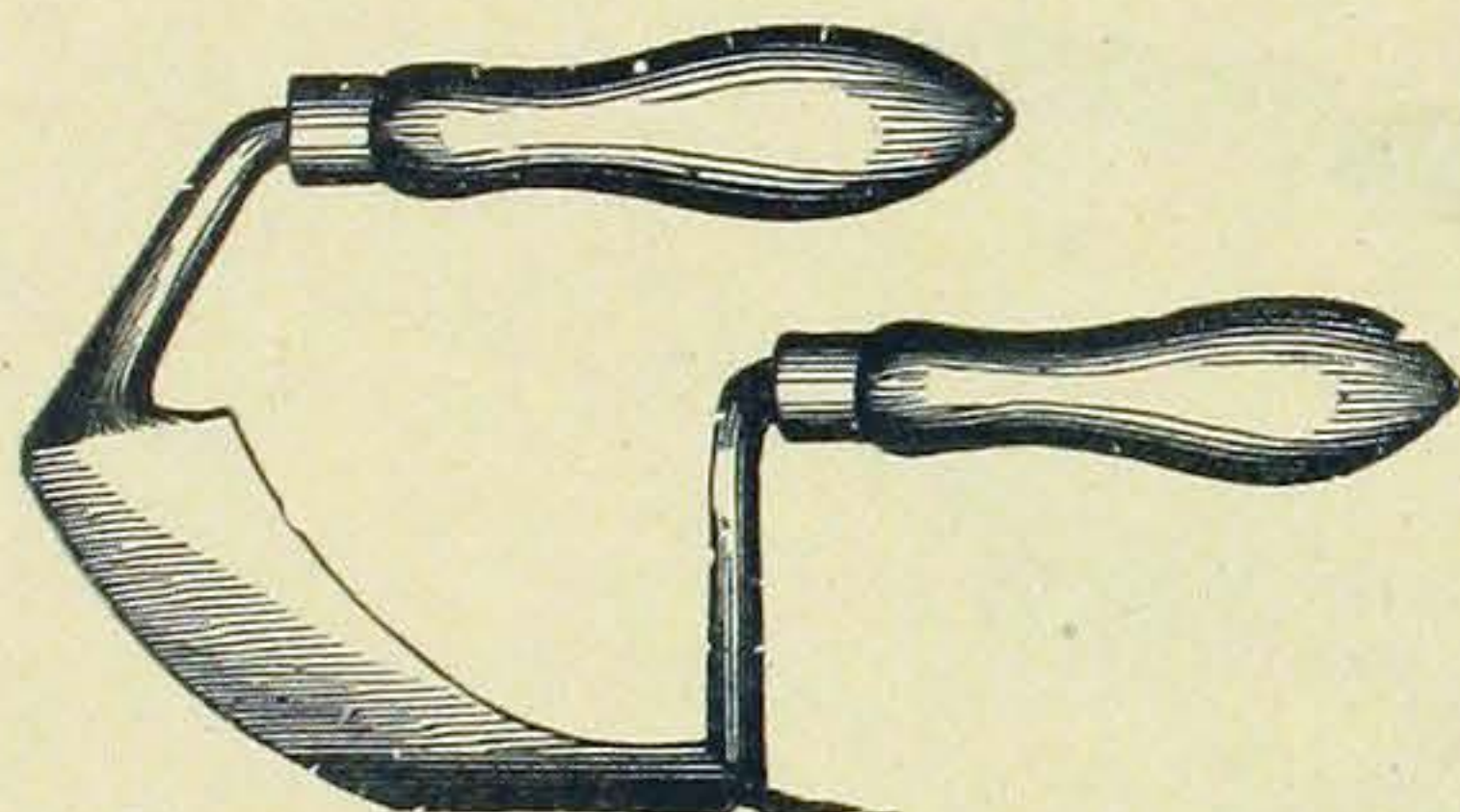
Packed one-quarter gross in a box.

Pocket Wrench.**No. 17.**

Polished, per dozen, \$6.00

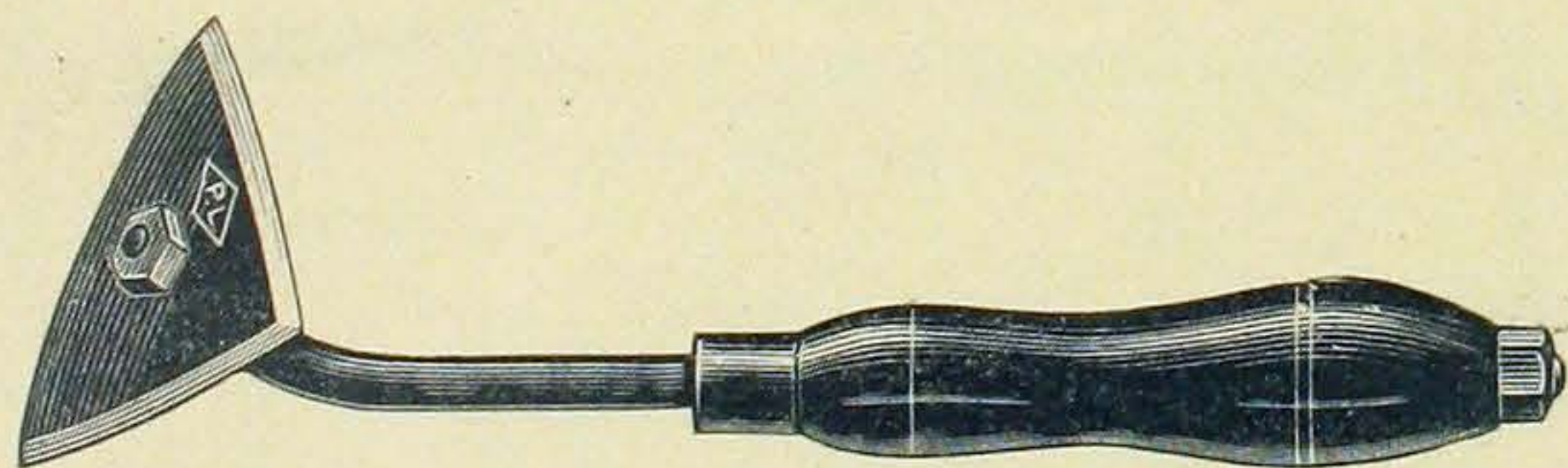
Nickeled, " 8.00

Packed one dozen in a box.

Box Scrapers.**No. 18.**

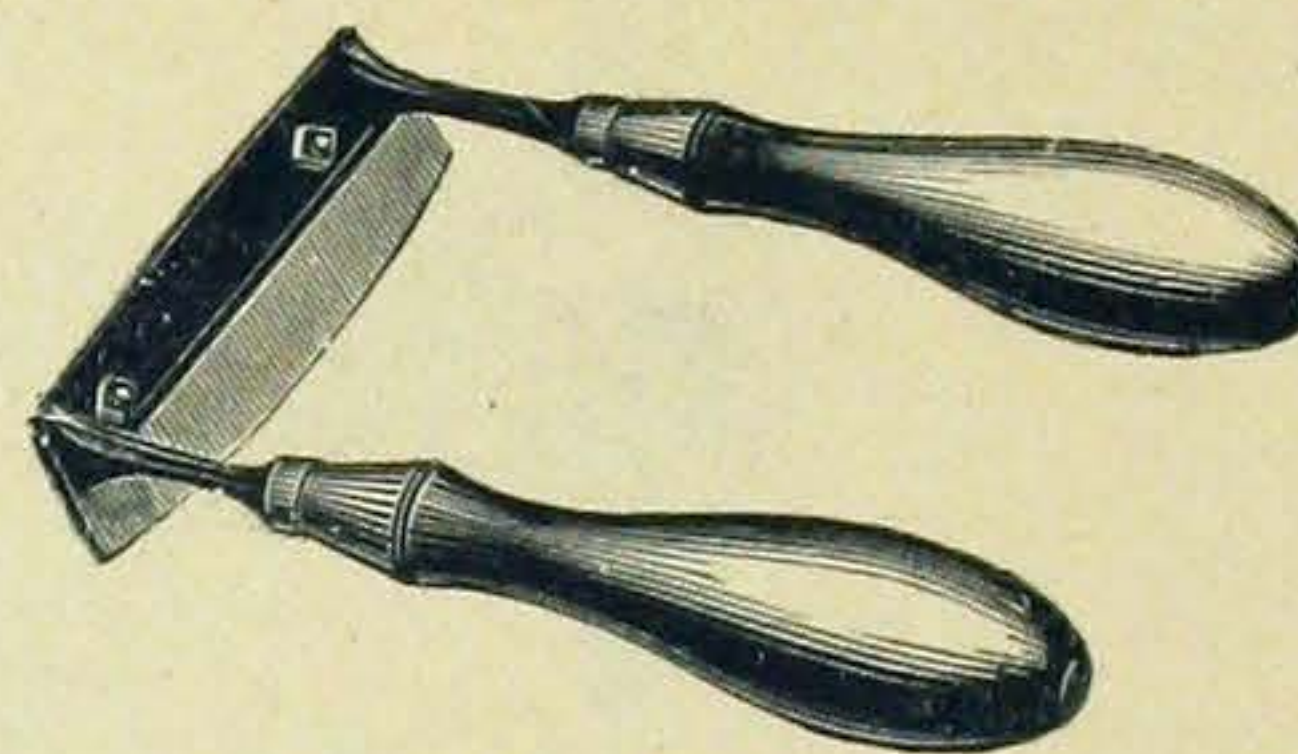
Solid steel, black, riveted through, per doz., . . . \$7.70

Packed one-half dozen in a box.

No. 20.

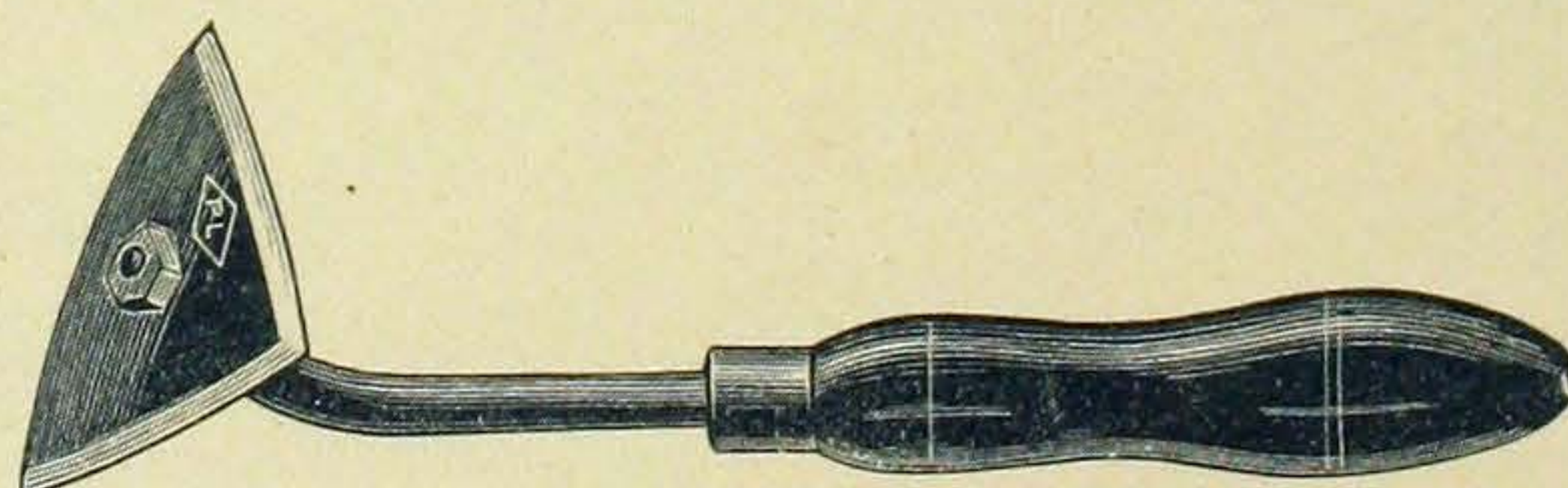
Cast steel, beveled blade, riveted through handle,
per dozen, \$6.00

Packed one-half dozen in a box.

No. 19.

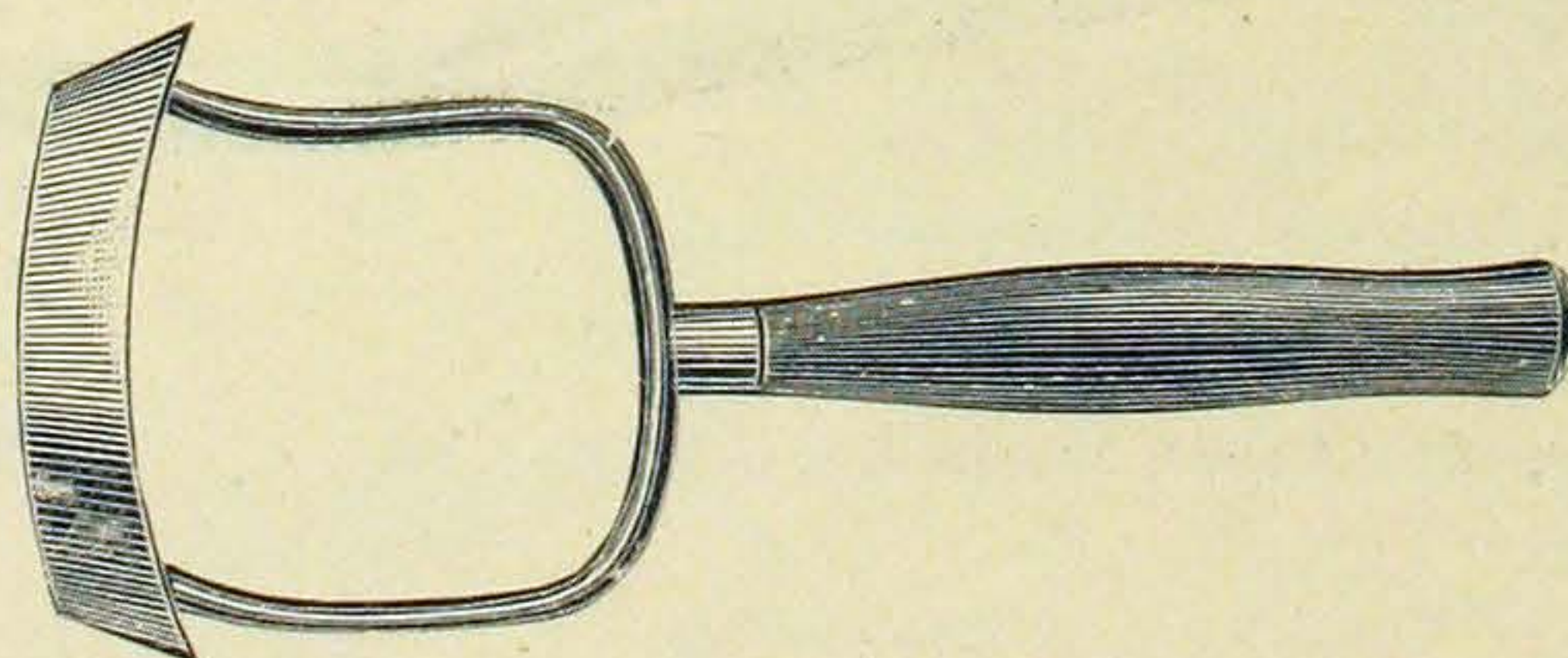
Cast steel, per dozen, \$6.50

Packed one-half dozen in a box.

No. 21.

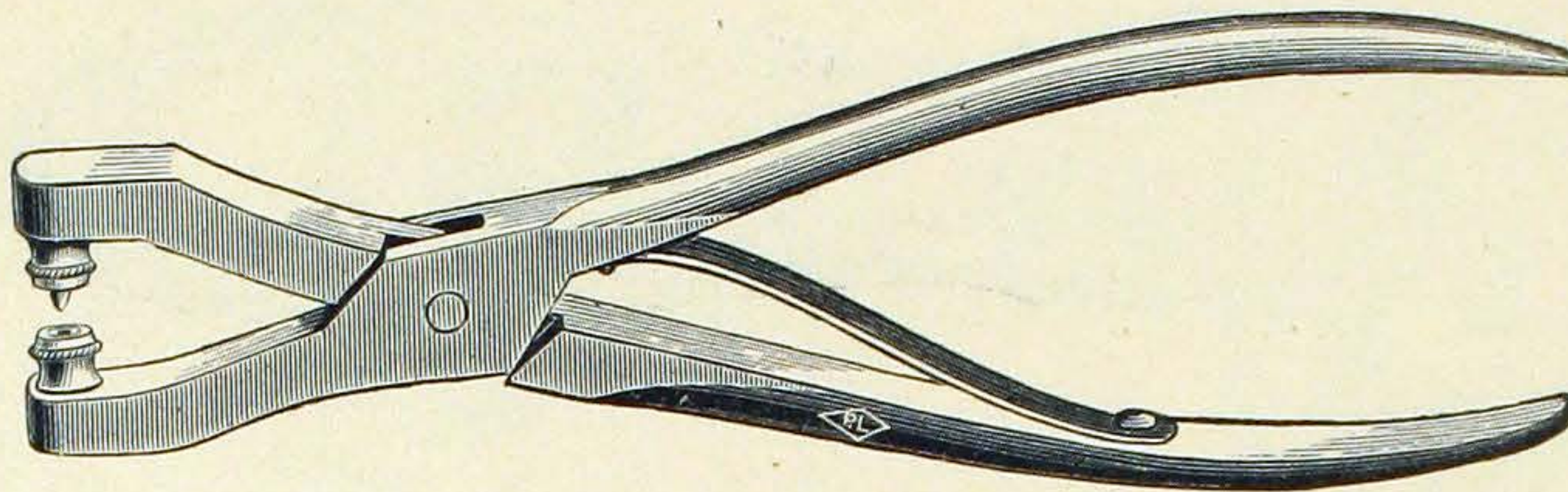
Cast steel, per dozen, \$5.00

Packed one-half dozen in a box.

No. 22.

New style, blades screwed on, per dozen, \$9.00

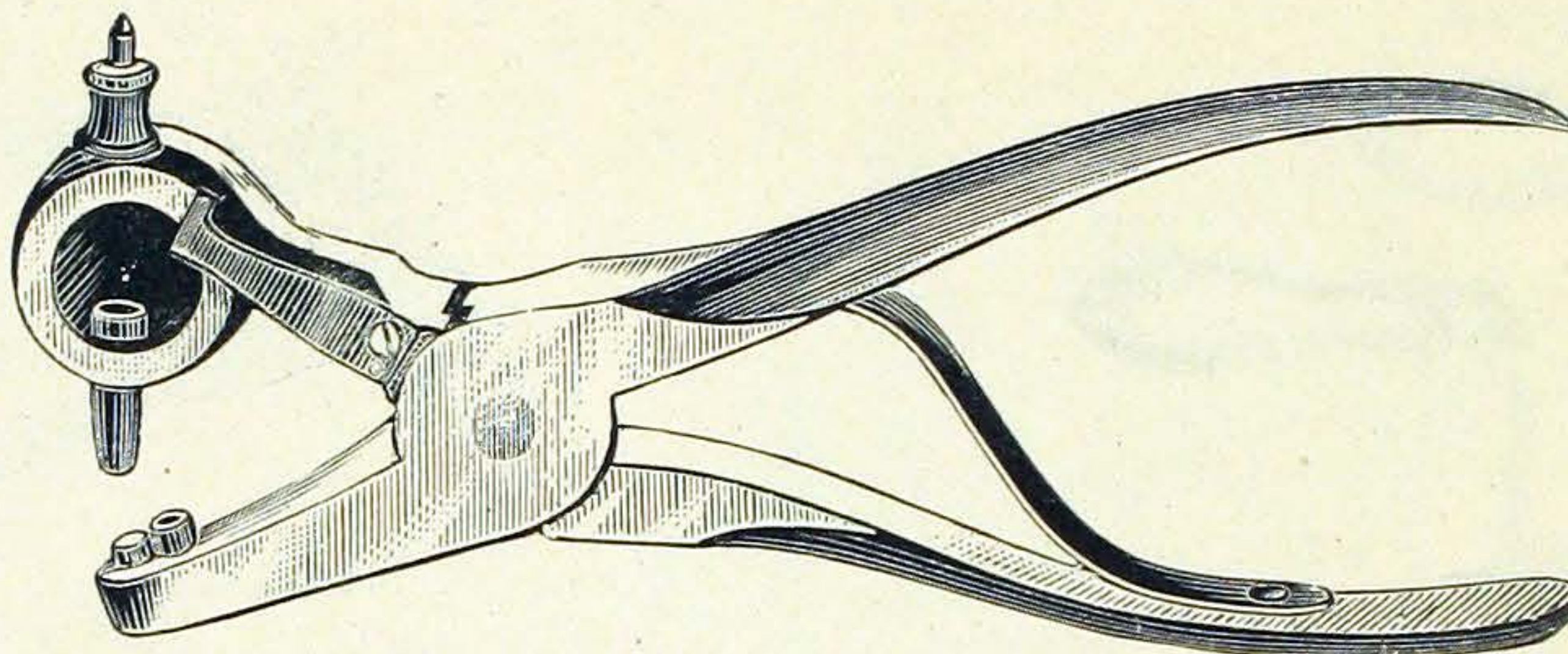
Packed one-half dozen in a box.

Eyelet Sets.**No. 23.**

Nos. from 1 to 4,

per dozen, \$6.75

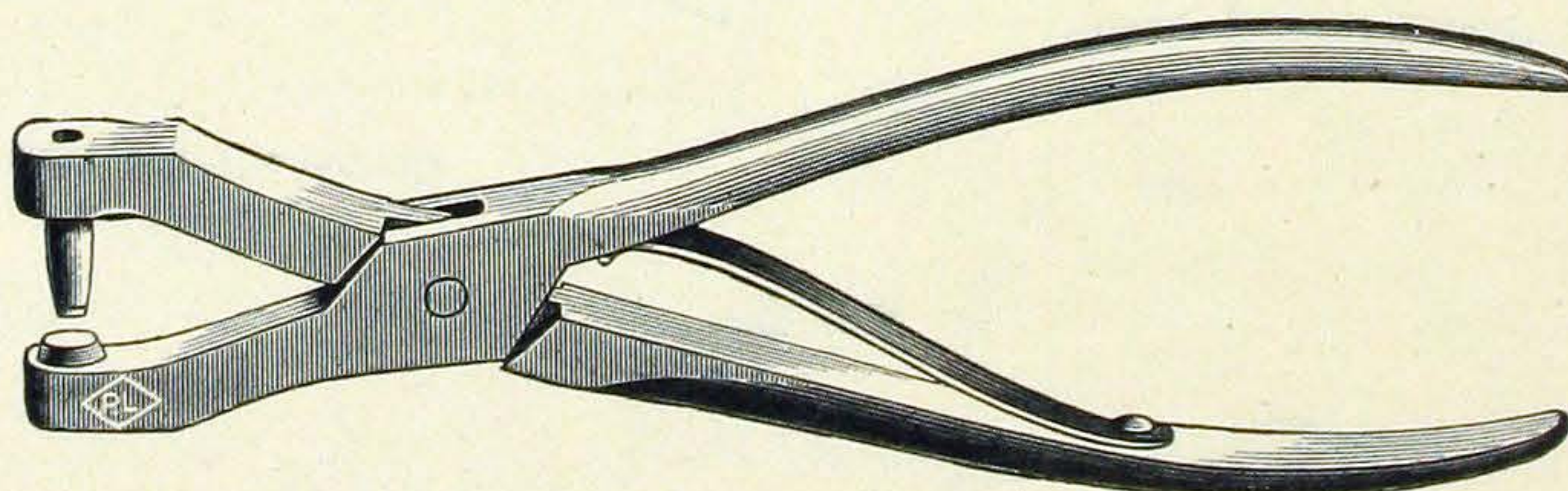
Packed one dozen in a box.

Eyelet set and Punch Combined.**No. 24.**

Per dozen,

\$10.00

Packed one-half dozen in a box.

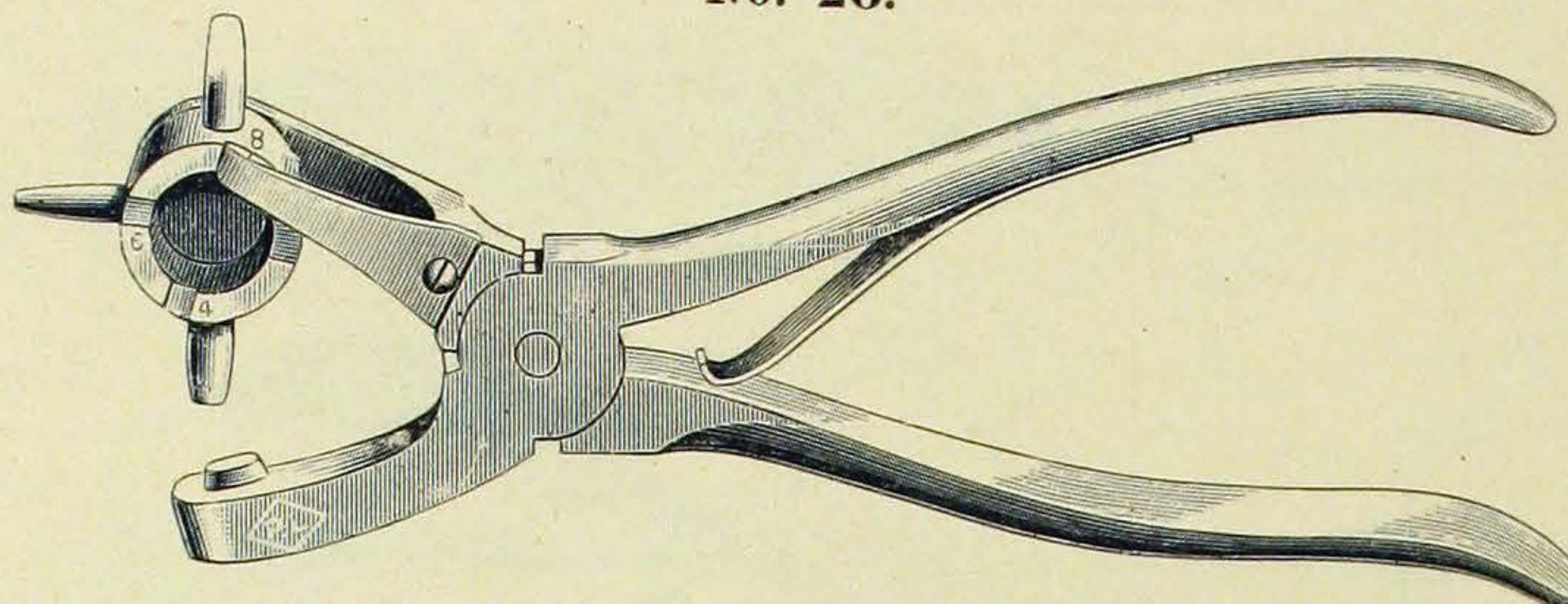
Spring Punches.**No. 25.**

No. 1.	Double joint, plain tubes, assorted, 3 to 9,	per dozen, \$5.00
" 2.	" " screw " " 3 to 9,	" 6.00
" 3.	Single " C. S. forged, plain tubes, assorted, 3 to 9,	" 5.00
Extra plain tubes, assorted, 3 to 9,		" 2.00
" screw " " 3 to 9,		" 3.00

Packed one dozen in a box.

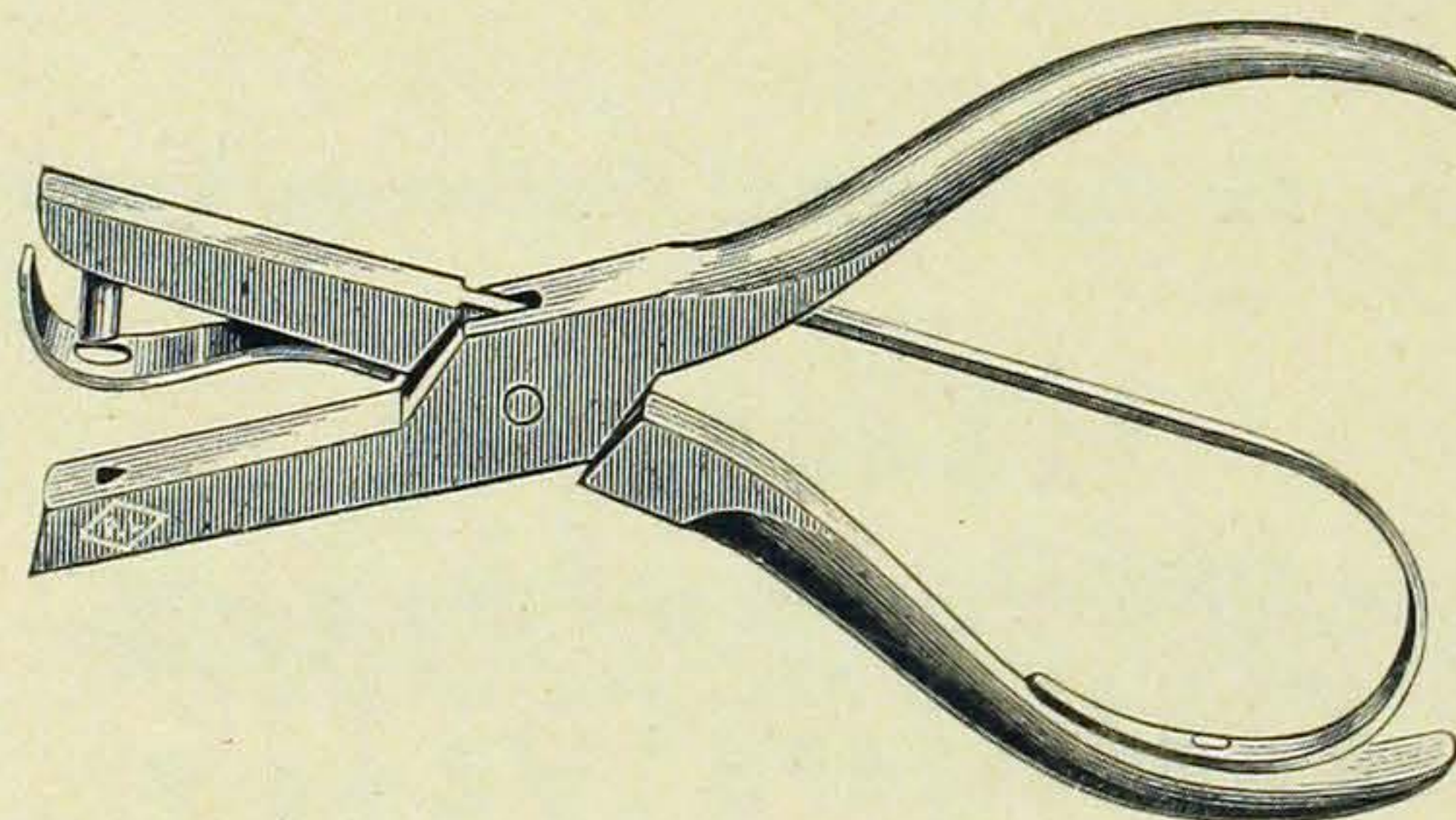
Revolving.

No. 26.

[illegible]

Nickeling, per dozen, \$1.00 net extra.
Packed one-half dozen in a box.

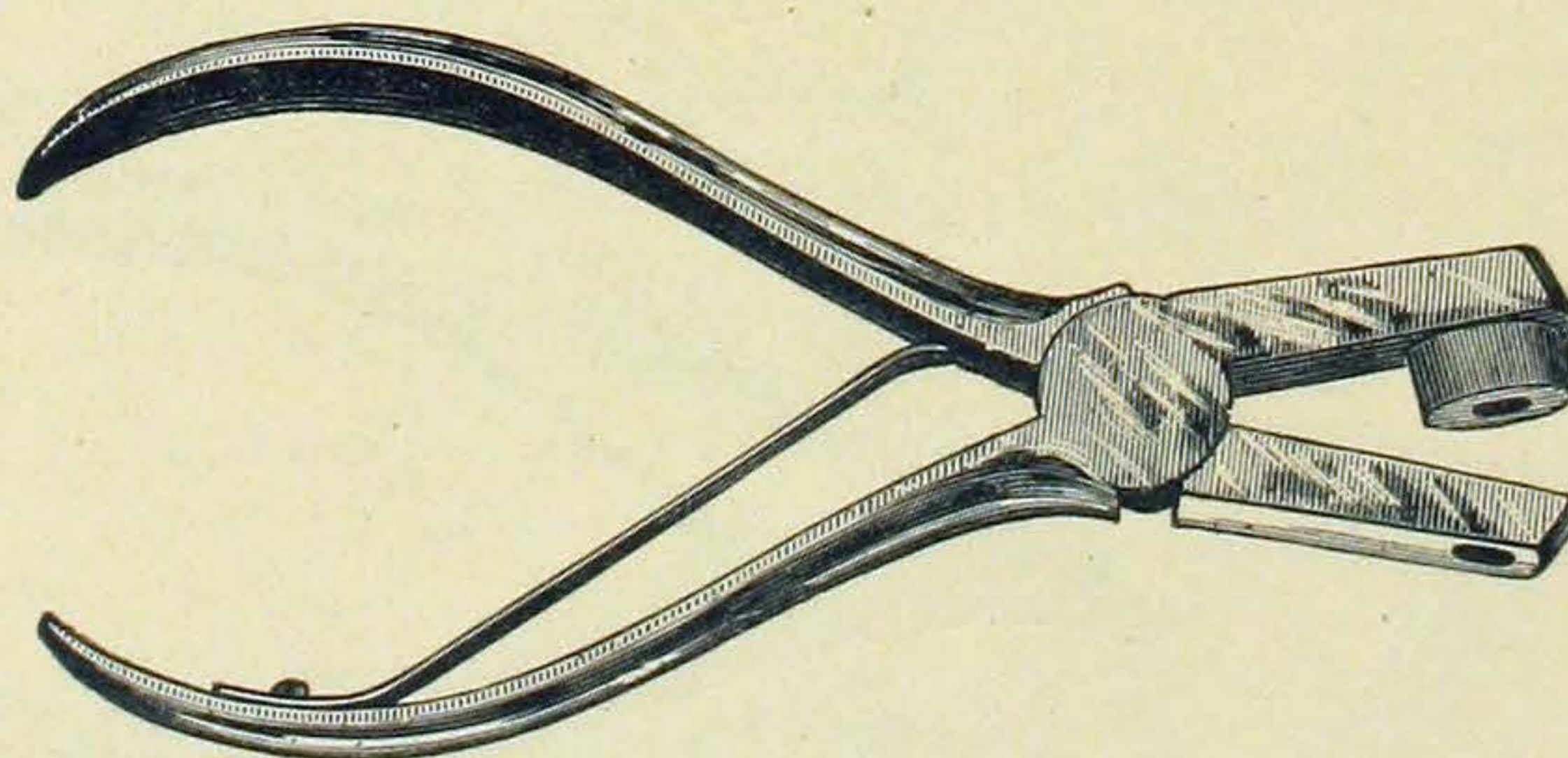
No. 27.



No. 1.	Round hole, rubber spring, nickel-plated,	.	.	.	.	.	.	.	per dozen, \$11.00
" 2.	" " steel spring,	"	.	.	.	.	.	.	" 11.00
" 3.	Fancy figure, " "	"	.	.	.	.	.	.	" 12.00
" 4.	" " rubber spring,	"	.	.	.	.	.	.	" 11.00

Packed one dozen in a box.

No. 27½.



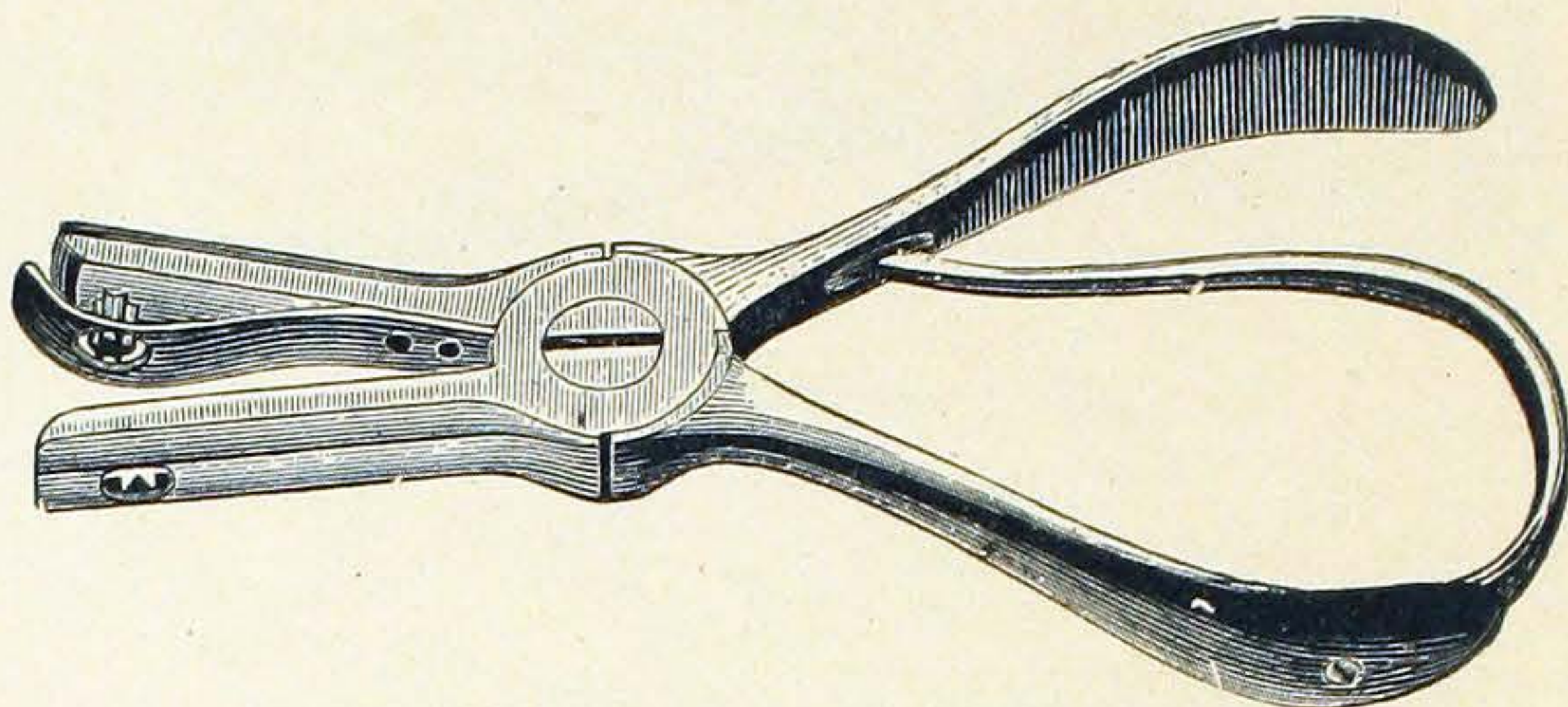
No. 5.	Fancy figure, rubber spring, polished,	.	.	.	.	.	.	.	per dozen, \$9.00
" 6.	Round hole, " " "	.	.	.	.	.	.	.	" 8.00

Packed one dozen in a box.

PUNCHES.

O. K. Conductors.

No. 28.

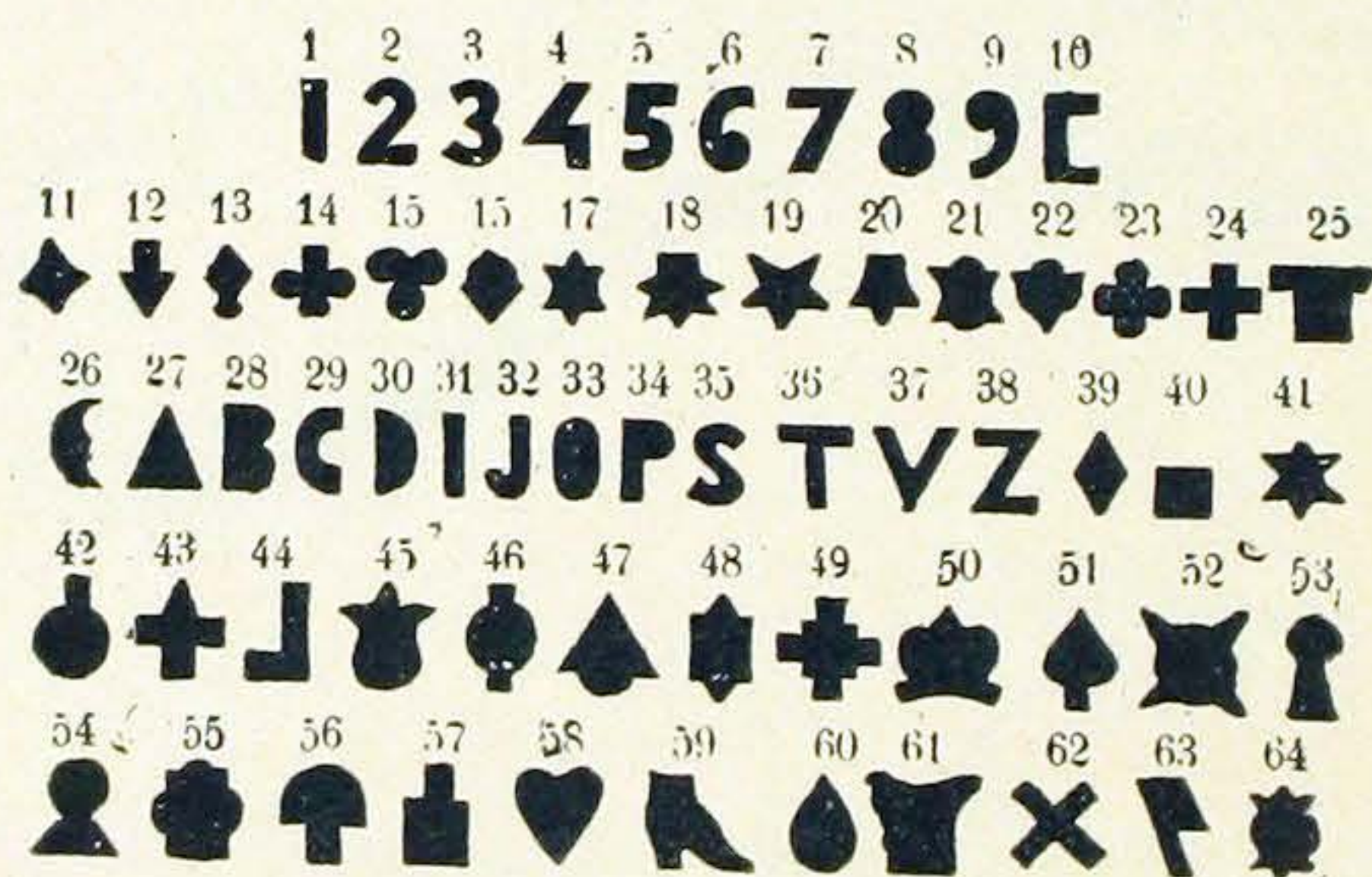


Nickel-plated, fancy figures,

per dozen, \$18.00

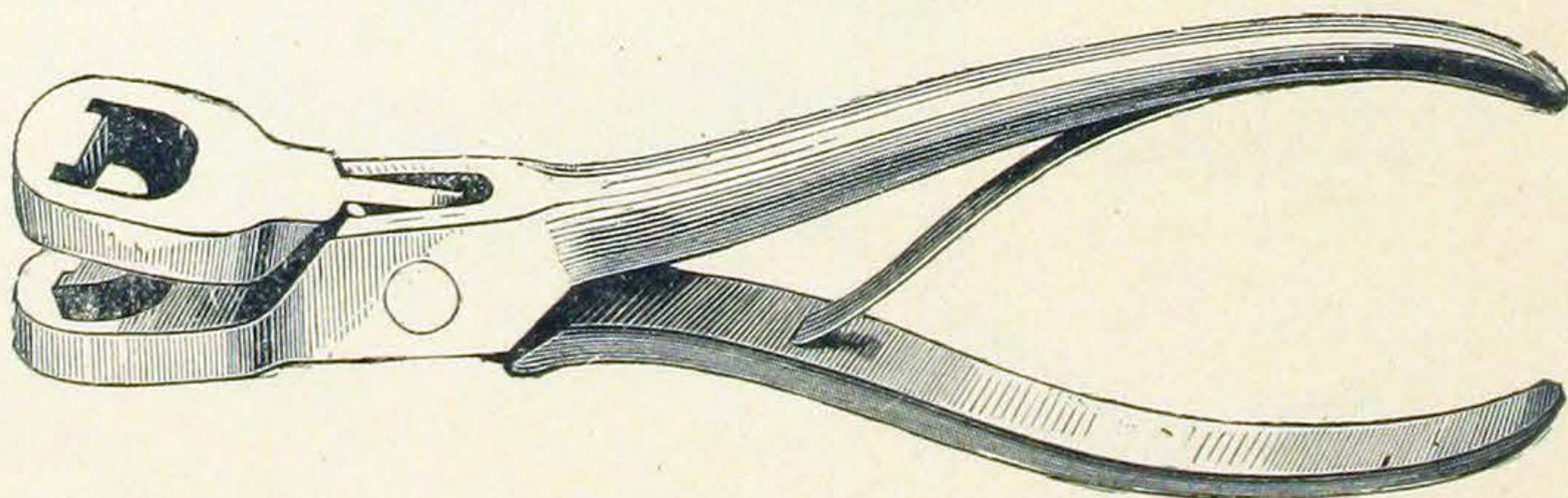
Packed one dozen in a box.

Figures for above-named Conductors' Punches.



Cattle.

No. 30.



Figures or letters, from $\frac{1}{2}$ to $\frac{5}{8}$ inch, made to order.

Full nickel-plated.

PUNCHES.**Saddlers.****No. 31.**

Full size cut of No. 4. Cast steel, forged.

Nos.	1 to 6,	7 to 10,	11 to 13,	14 to 16
Per dozen,	\$2.15	2.50	2.80	3.40

Packed one dozen in a box.

Improved Belt.**No. 32.**

Cast steel forged.

Nos.	1 to 6,	7 to 10,	11 to 13,	14 to 16
Per dozen,	\$2.15	2.50	2.80	3.40

Packed one dozen in a box.

Centre or Prick.**No. 37.**

5-16 Square, cast steel, per dozen, \$1.50

Packed three dozen in a box.

Machinists' Centre.**No. 38.**

5-16 Octagon, cast steel, per dozen, \$2.00

Packed three dozen in a box.

Solid.**No. 38½.**

Cast steel, forged, square, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, per dozen, \$1.50

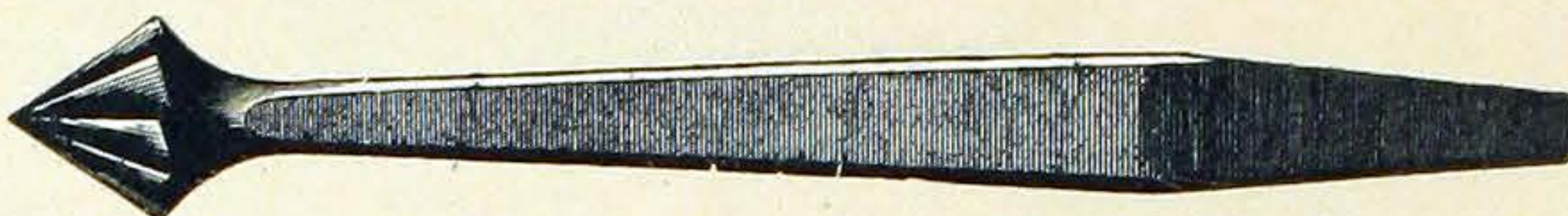
Packed three dozen in a box.

COUNTERSINKS.**Flat.****No. 39.**

For wood, cast steel,

Packed one dozen in a box.

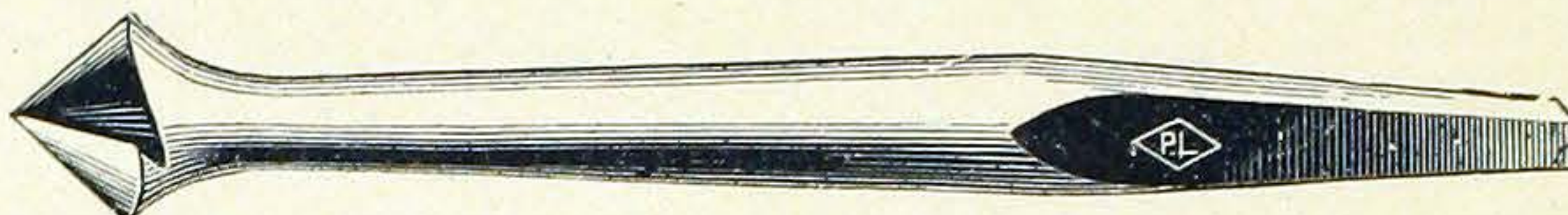
per dozen, \$2.00

Rose.**No. 40.**

For iron, cast steel,

Packed one dozen in a box.

per dozen, \$2.00

Snail.**No. 41.**

Cast steel,

Packed one dozen in a box.

per dozen, \$2.00

Screw Driver Bits.**No. 42.**

Cast steel,

Packed one dozen in a box.

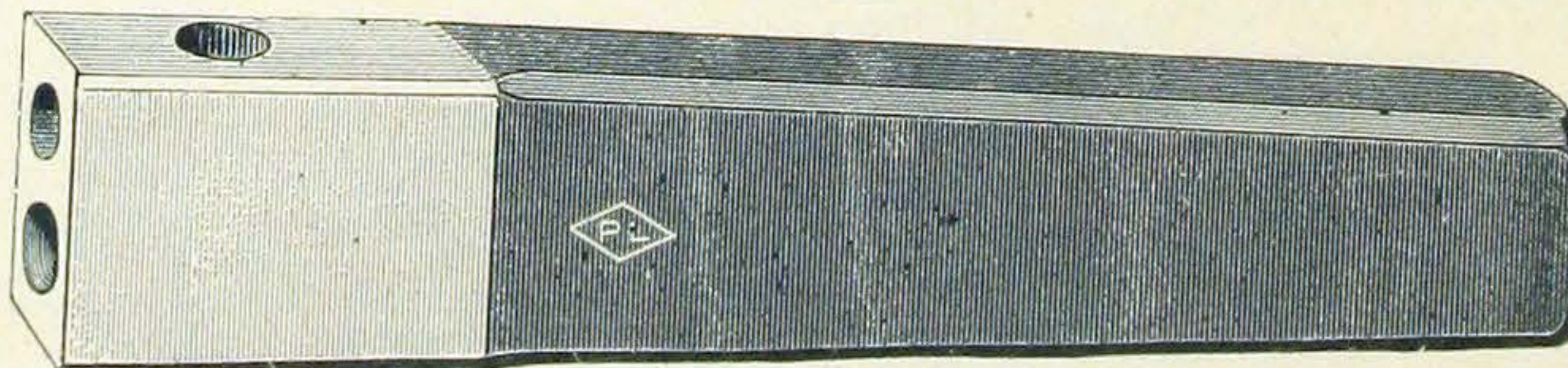
per dozen, \$2.00

Square Reamers.**No. 43.**

Cast steel,

Packed one dozen in a box.

per dozen, \$2.00

Rivet Sets.**No. 44.**

Cast Steel.

Nos.

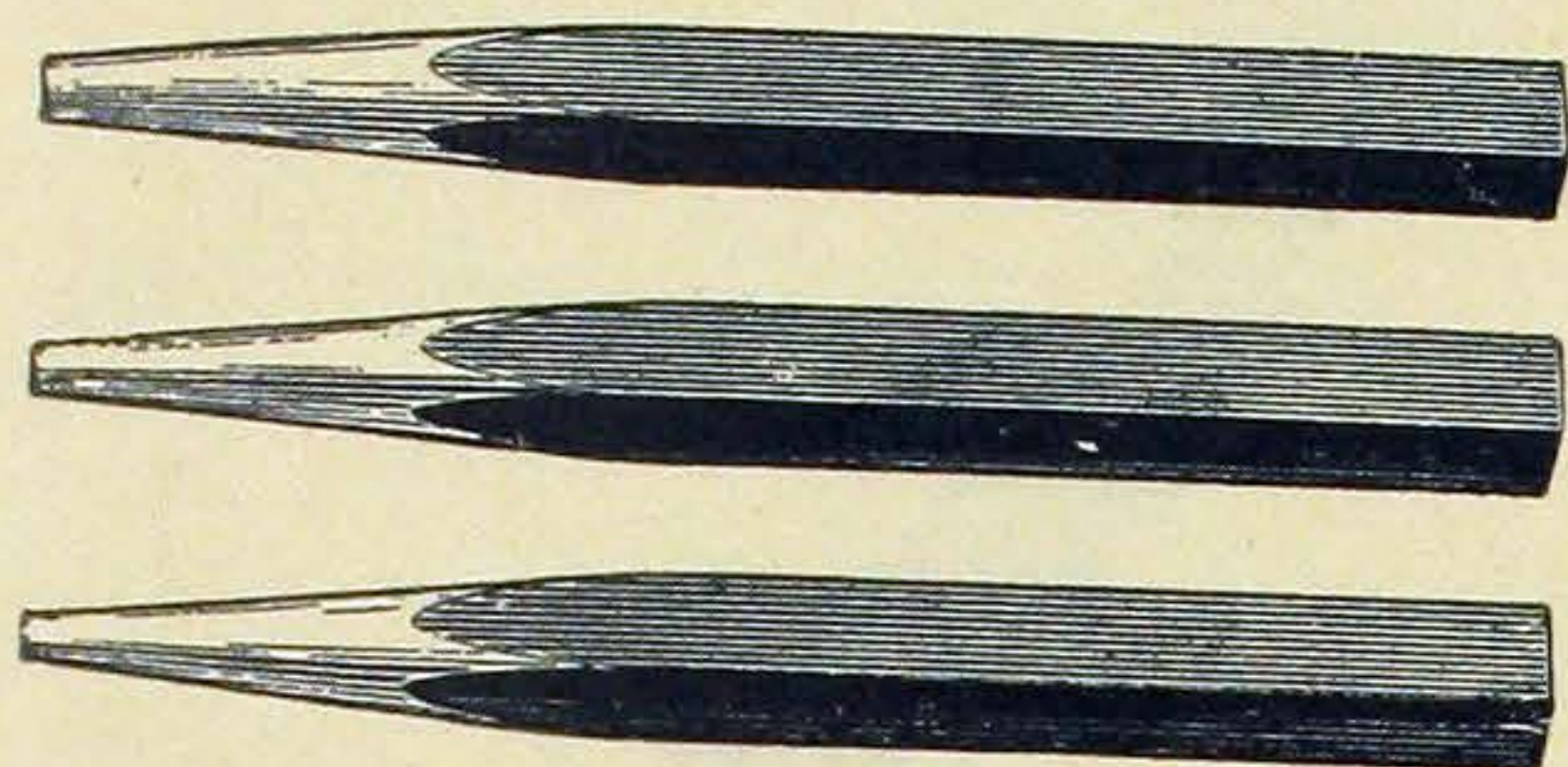
Per dozen,

00
\$9.000
9.001
7.602
7.603
6.004
6.005
4.506
4.507
3.858
3.85

Packed one dozen in a box.

TINNERS' TOOLS.**Punches and Chisels.**

No. 45.

Solid Punches.**Lantern Chisel.****Wire Chisel.****Prick Punch.**

Warranted Cast Steel.

Set of Punches, including 4 Punches and 2 Chisels, as illustrated, per dozen sets, \$10.00
 Packed one set in a box.

Box Chisels.

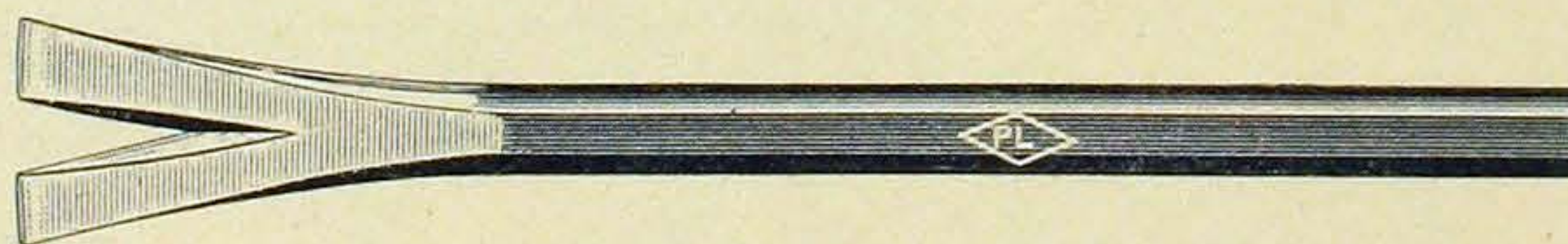
No. 46.



Cast Steel, flat, full polished.

Inch,	6	9	12	15
Per dozen,	\$4.15	5.50	7.00	8.00

No. 47.



Cast Steel, Octagon.

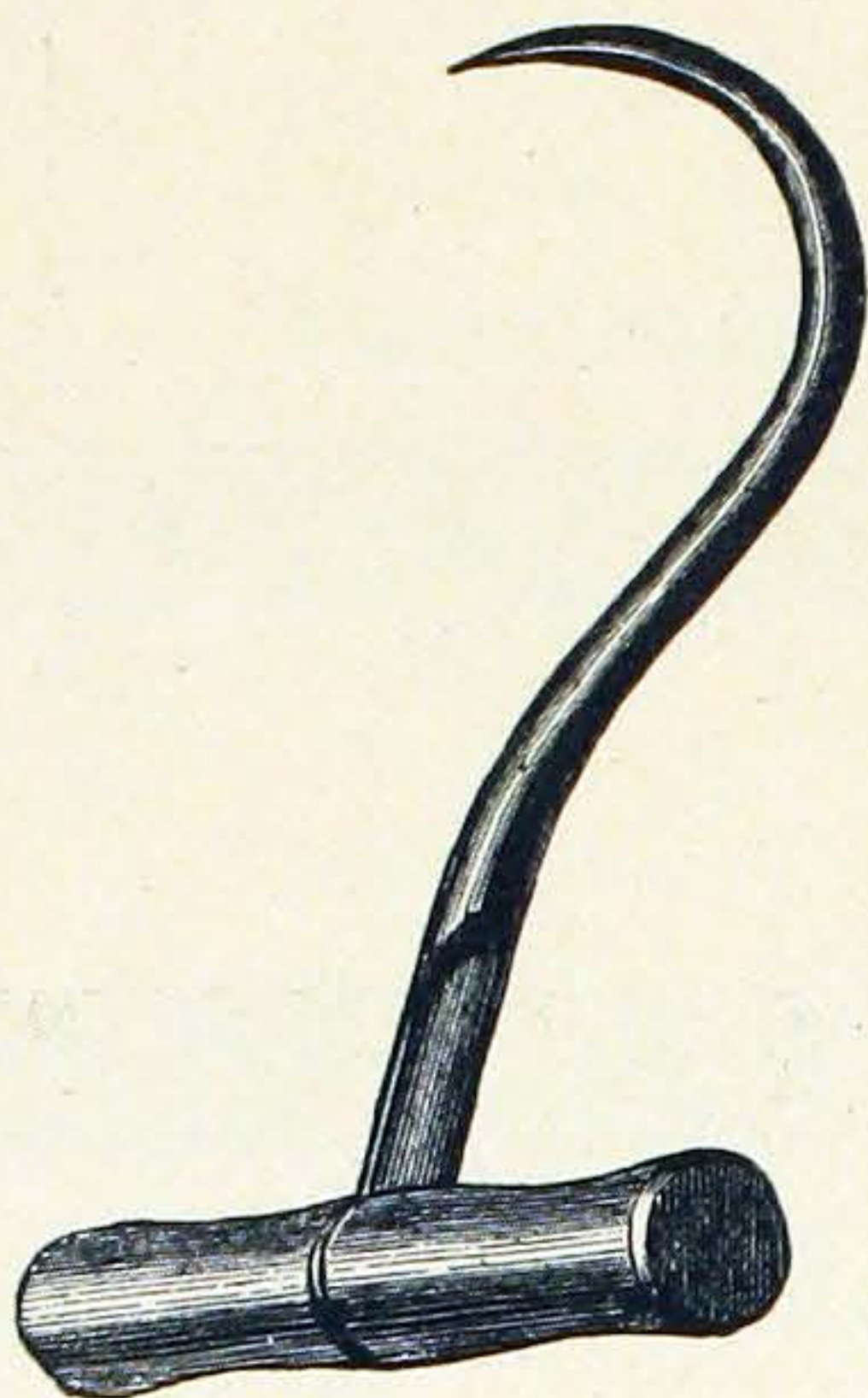
Inch,	10	12	14
Per dozen,	\$9.00	11. 50	14.00

No. 48.



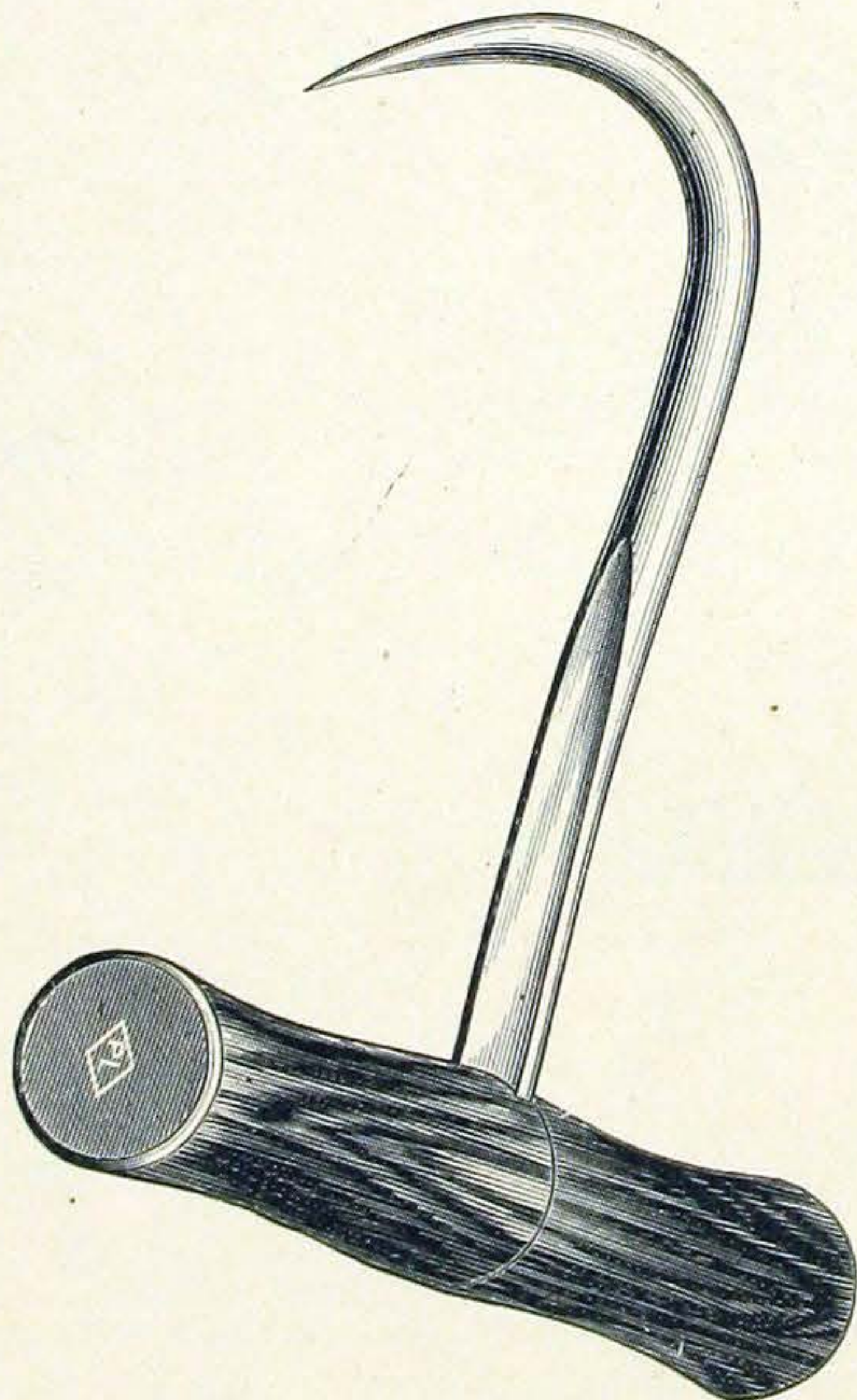
Steel Faced. Round Black.

Inch,	8	10	12	14
Per dozen,	\$3.75	4.30	4.75	5.75

BOX HOOKS.**No. 49.**

Solid Cast Steel.

No. 1.	6 inch,	.	.	per doz.,	\$3.25
" 2.	7 "	.	.	"	3.50
" 3.	8 "	.	.	"	4.00
" 4.	10 "	.	.	"	7.00
" 5.	12 "	.	.	"	9.25

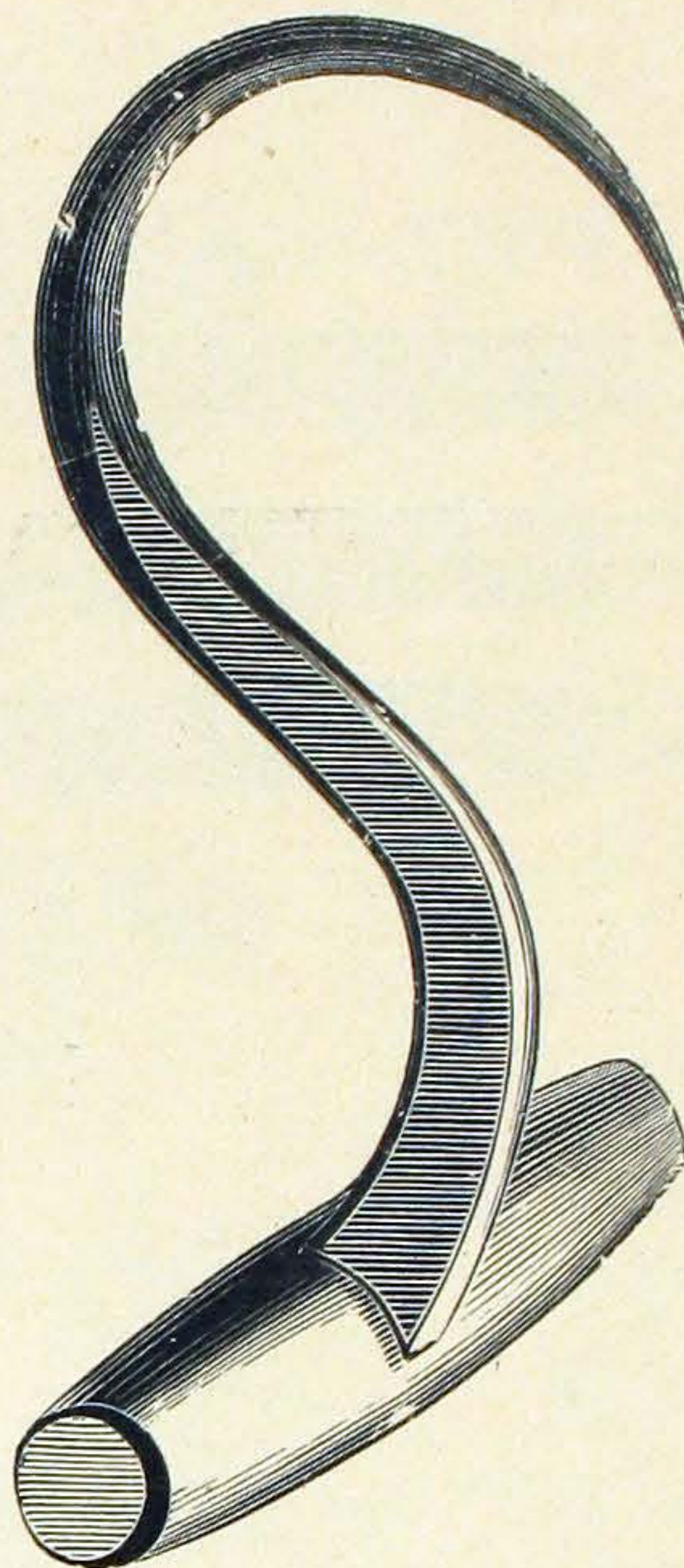
COTTON HOOKS.**No. 51.****New Orleans Pattern.**

Cast steel, black handle.

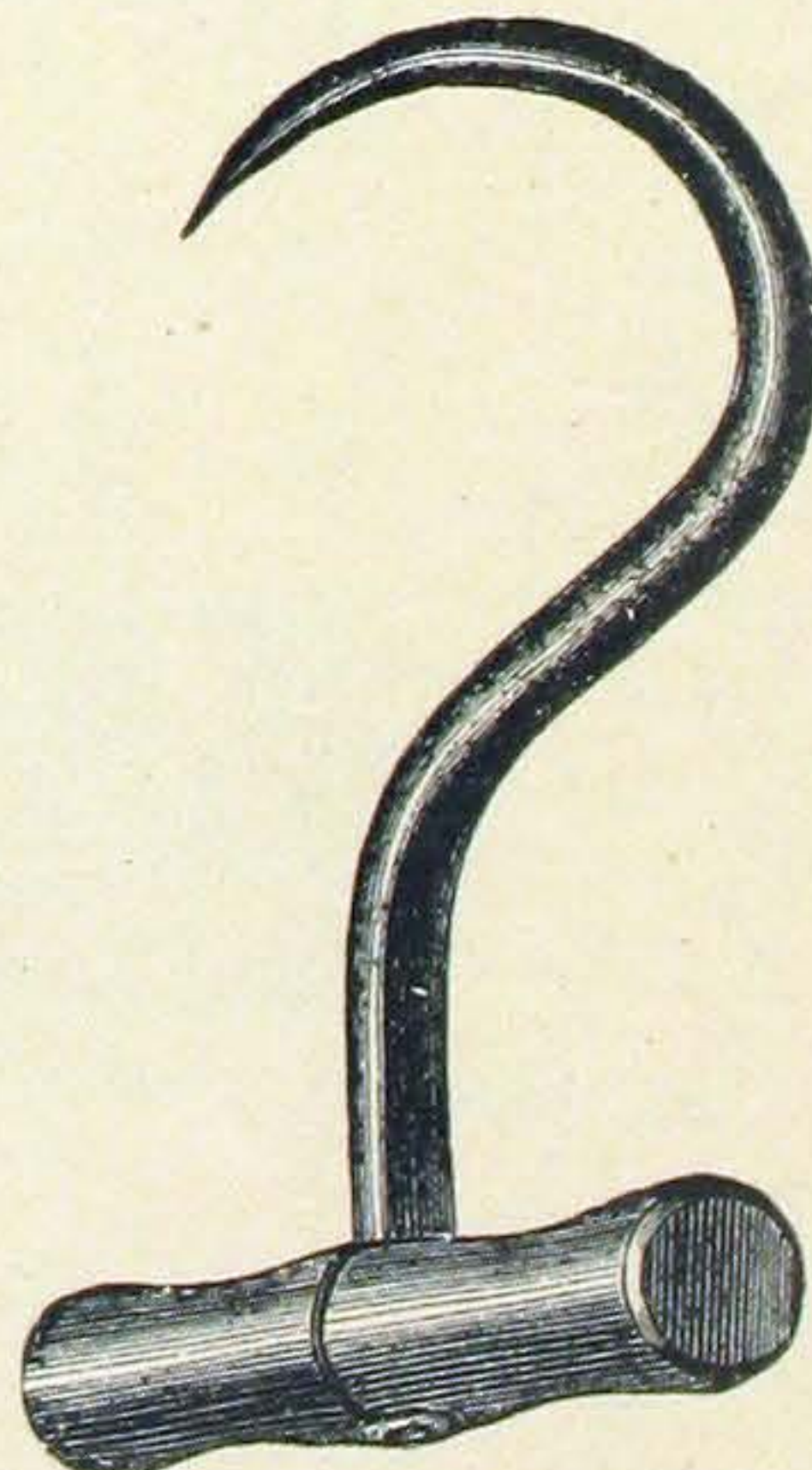
No. 1.	Medium,	.	.	per doz.,	\$3.25
" 2.	Large,	.	.	"	3.50

No. 52.**Red River Pattern.**

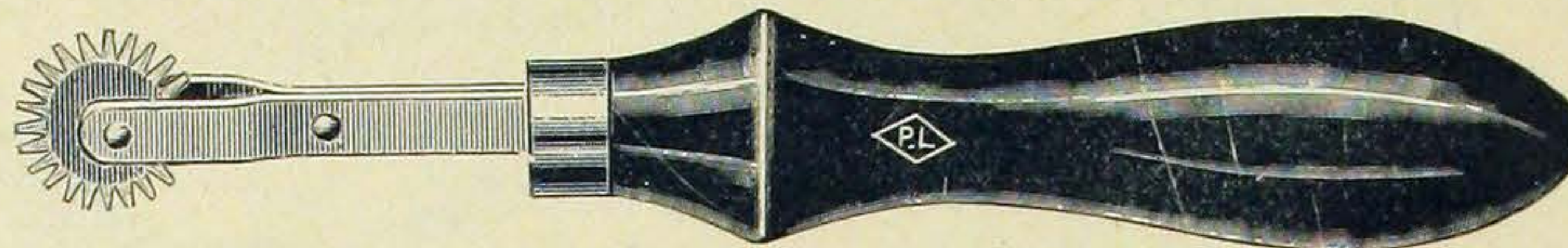
No. 2.	Cast steel,	.	.	per doz.,	\$3.75
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No. 50.**Boston Pattern.**

Solid cast steel, . . . per doz., \$5.00

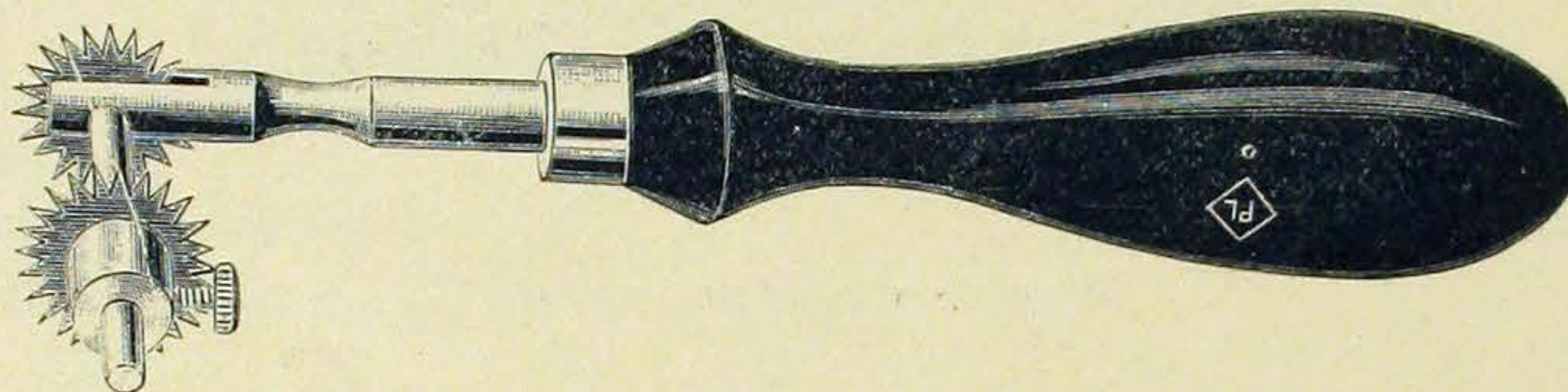
HAY HOOK.**No. 53.**

No. 1. Cast steel, extra heavy, per doz., \$4.00

TRACING WHEELS.**Single.****No. 54.**

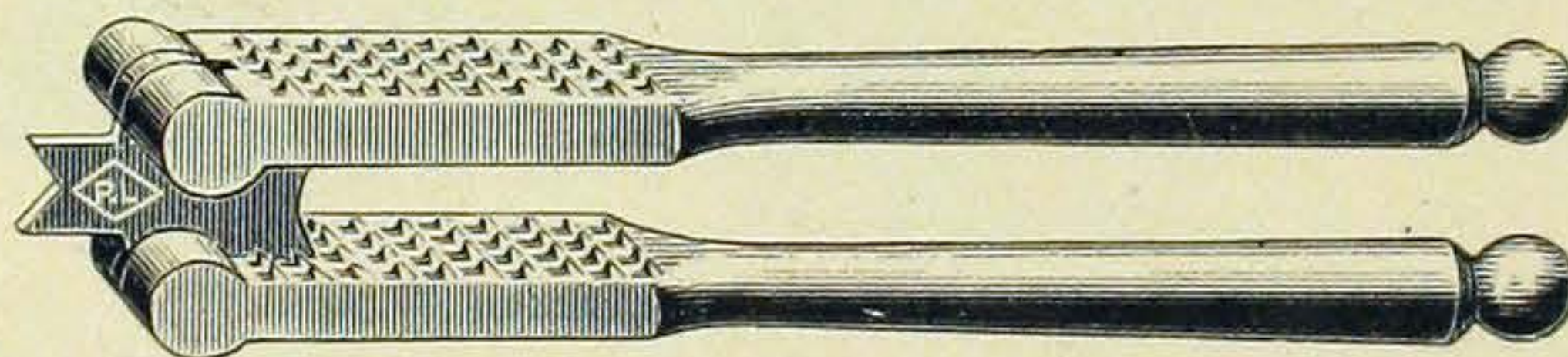
Black handles, nickel-plated ferrules,
 Rosewood handles, " " " " " " " " " " " "

per dozen, \$2.75
 " 3.50

Double.**No. 55.**

Black handles, nickel-plated ferrules,

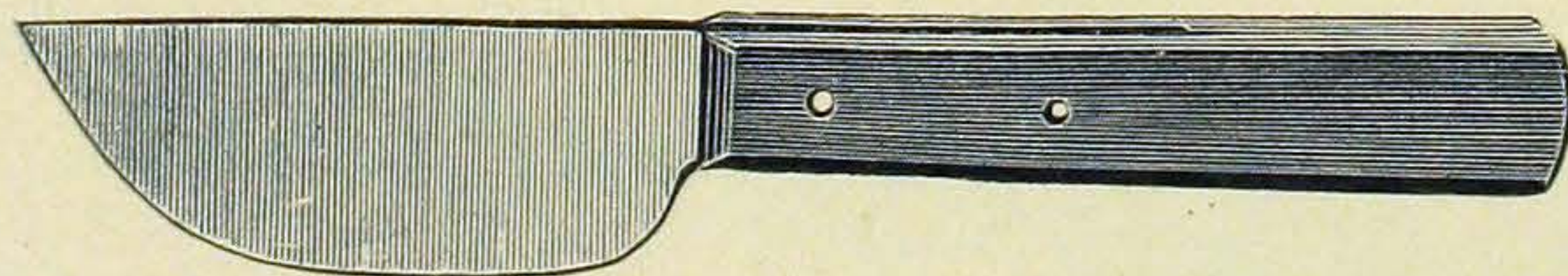
per dozen, \$5.00

Table Nut Cracks.**No. 57.**

No. 1. Round handle, polished,
 " 2. " " nickeled,

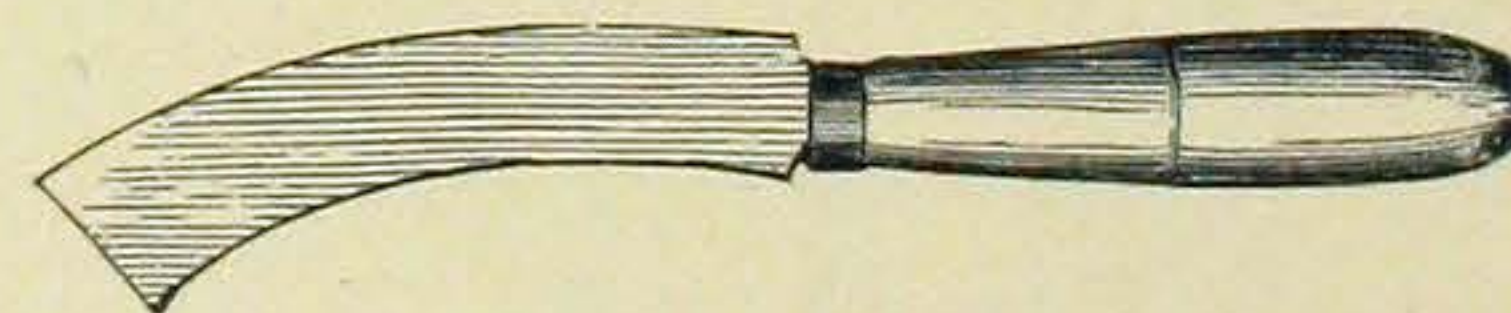
per dozen, \$6.00
 " 7.50

Packed one dozen in a box.

Segar Knives.**No. 58.****New York Pattern.**

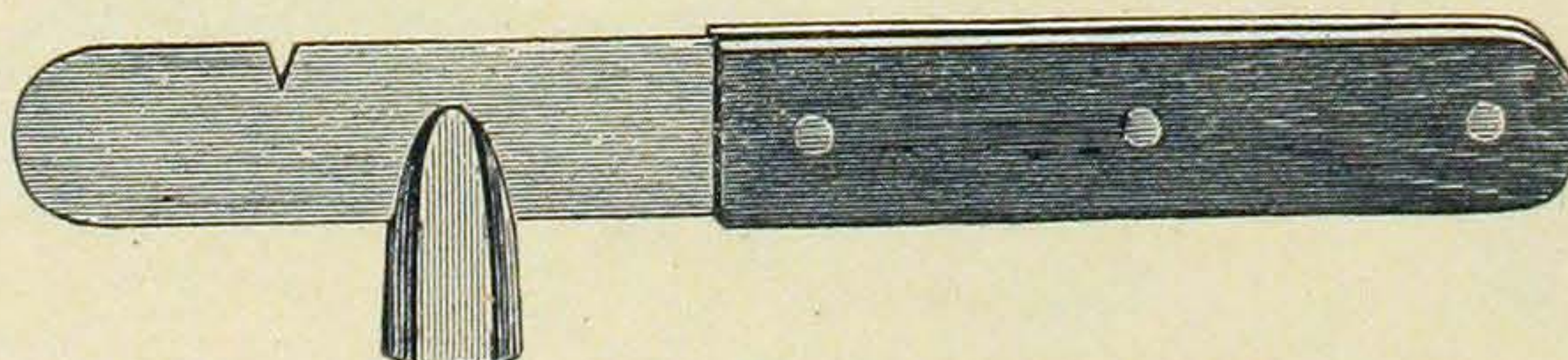
Cast steel, per dozen, \$2.00

Packed one dozen in a box.

Segar Knives.**No. 59.**

Cast steel, per dozen, \$1.75

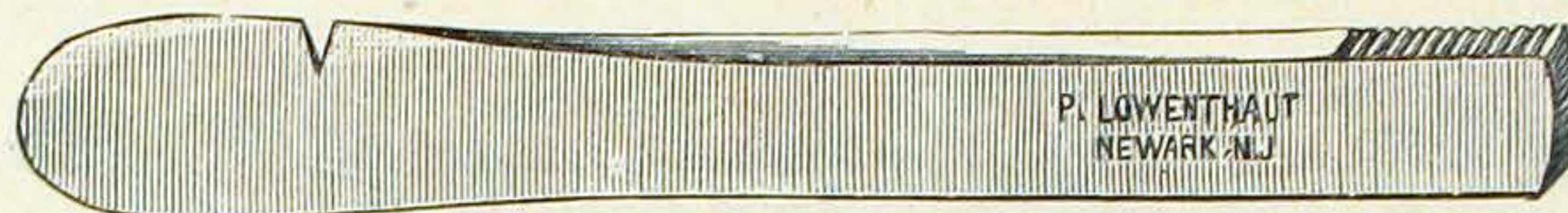
Packed one dozen in a box.

Segar Box Openers.**No. 60.**

Cast steel, rosewood handle,

per dozen, \$5.00

Packed one dozen in a box.

Segar Box Openers.**No. 61.**

Solid cast steel, nickel-plated,

per dozen, \$3.00

Packed one dozen in a box.

Clam Knives.**No. 62.**

Cast steel,

per dozen, \$2.20

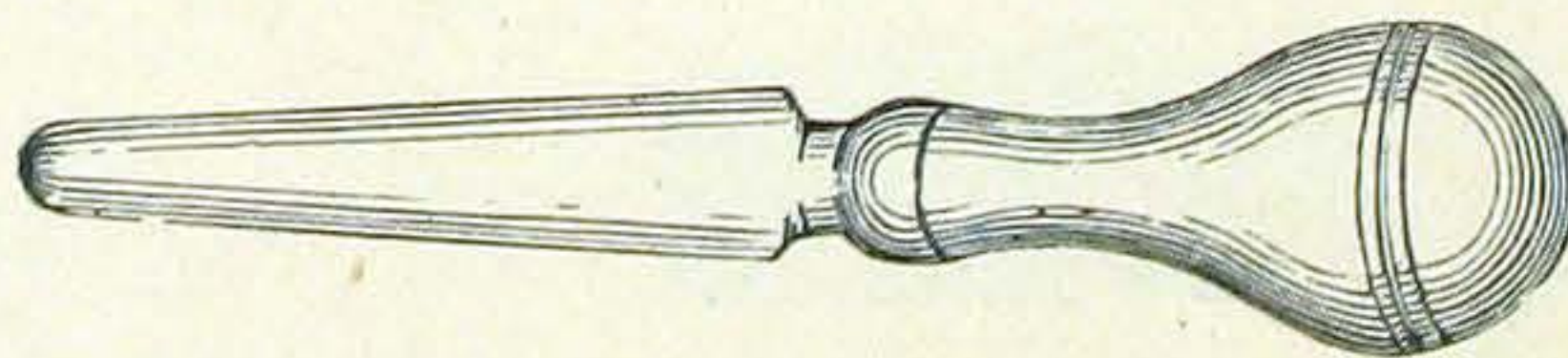
Packed one dozen in a box.

Oyster Knives.**No. 63.**

New York pattern, cast steel, half polished.

Inches,
Per dozen, $\frac{1}{2}$
\$6.00 $\frac{7}{16}$
5.25 $\frac{3}{8}$
4.25 $\frac{5}{16}$
3.50

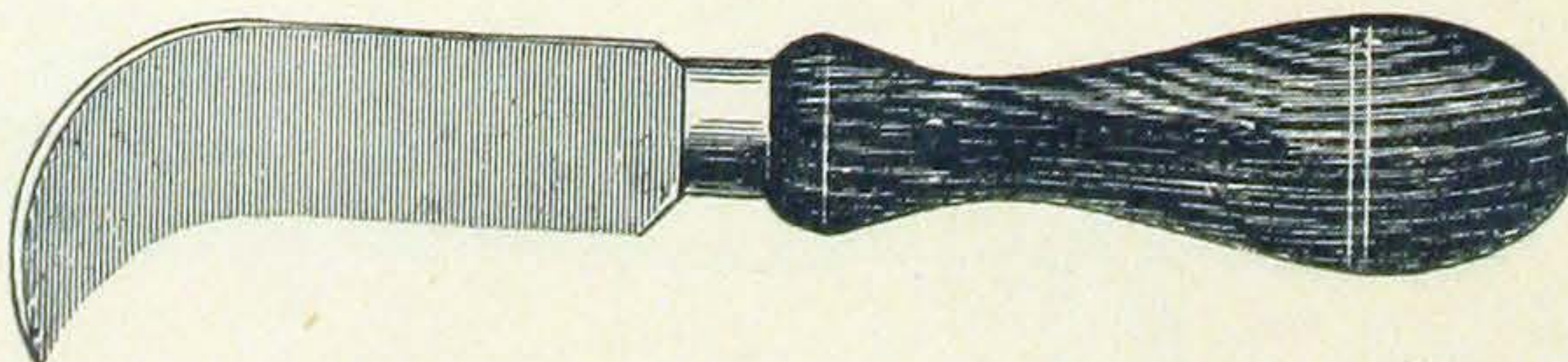
Full polished, 50 cents additional per dozen.

Oyster Knives.**No. 64.**

Boston pattern, cast steel blade,

per dozen, \$3.50

Packed one dozen in a box.

Oil Cloth Knives.**No. 65.**

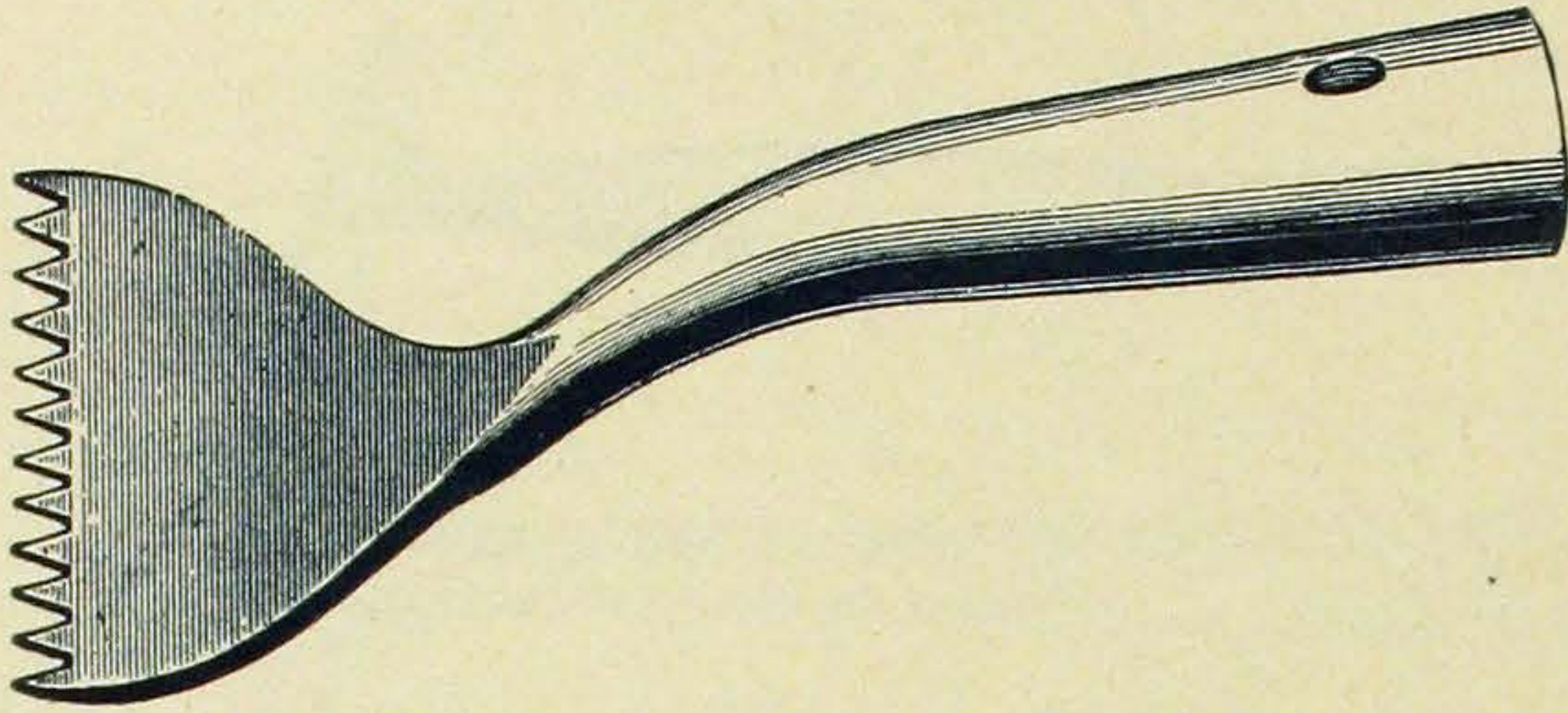
Cast steel,

per dozen, \$4.50

Packed one dozen in a box.

CARPET STRETCHERS.

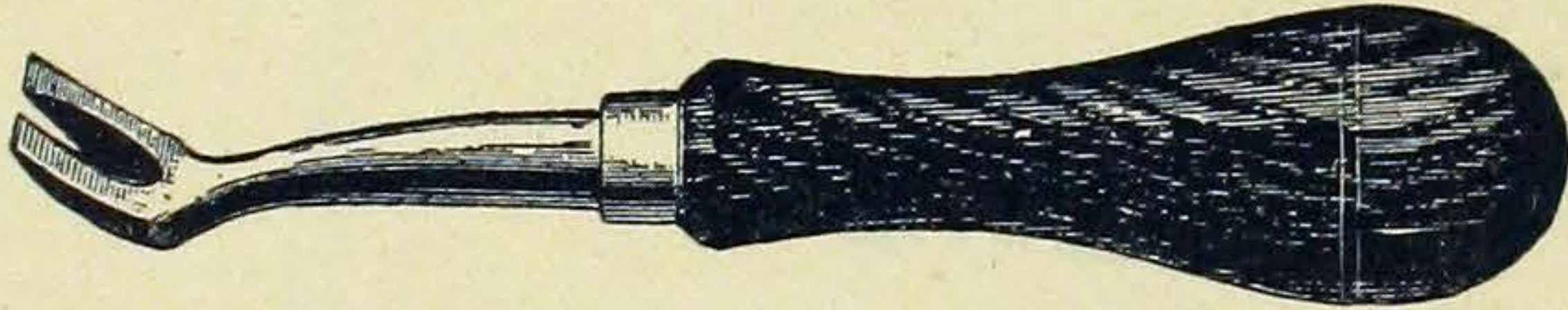
No. 66.



Full polished, per dozen,	\$4.50
Half " " " " " " " " " " " "	4.00
Handles, walnut top, per dozen,	2.50
Handles, jointed, walnut top, per dozen,	5.00
Packed one-half dozen in a box.	

TACK CLAWS.

No. 68.



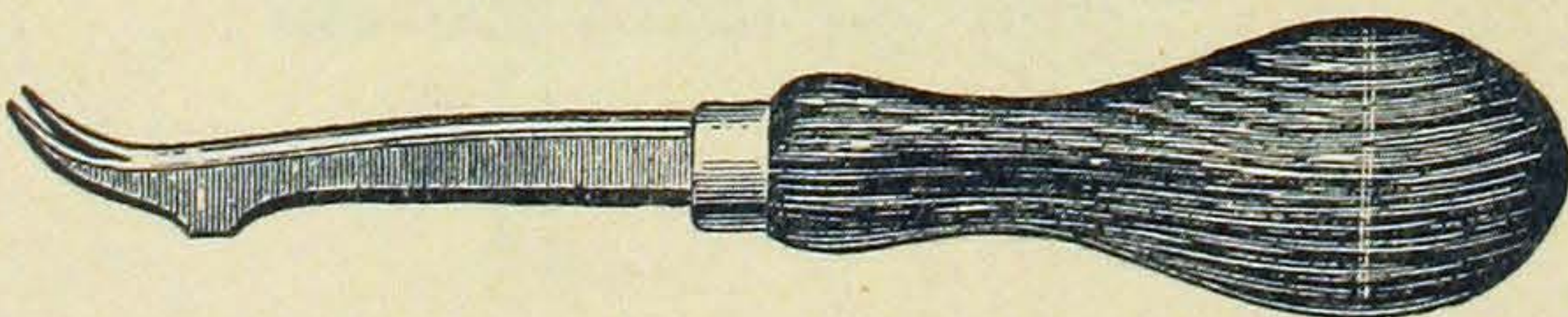
No. 1. Malleable iron, round shank, per dozen,	\$1.00
No. 2. Solid cast steel, " " " " " " " " " " " "	1.50
No. 3. Solid cast steel, " riveted through handle,	2.25
Packed one dozen in a box.	

No. 69.



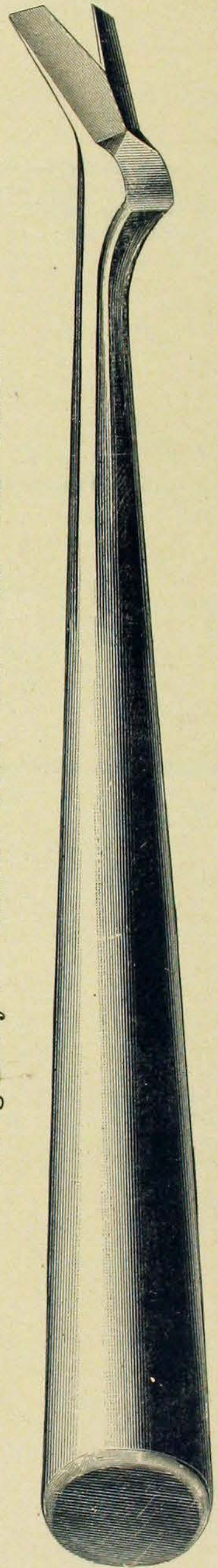
Solid cast steel, square shank, per dozen,	\$1.75
Packed one dozen in a box.	

No. 70.



Solid cast steel, new style, pointed, per dozen,	\$2 50
Packed one dozen in a box.	

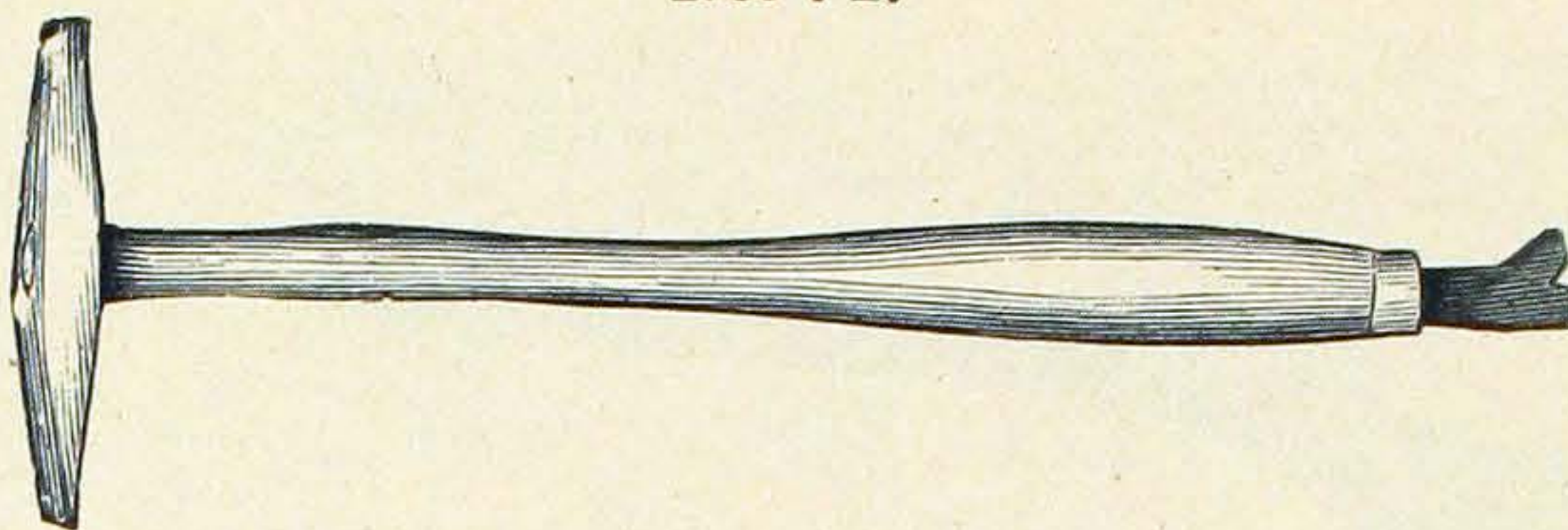
"Montgomery's" Patent Tack and Wire Nail Puller.



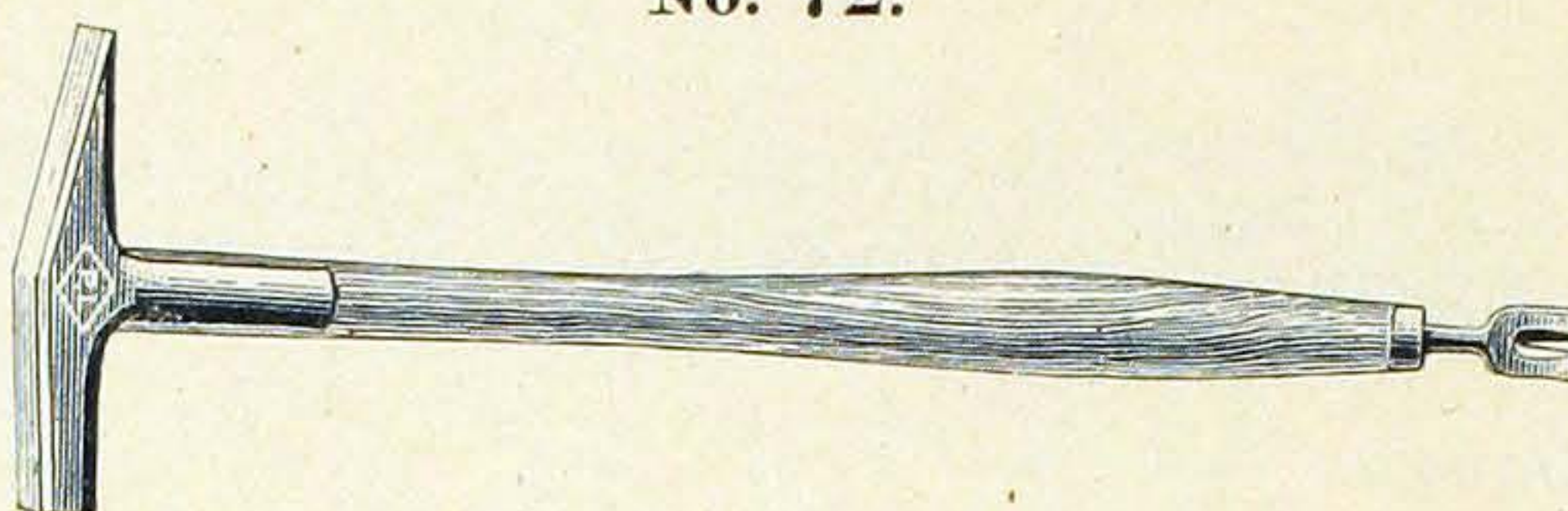
\$4.80

Warranted of the best forged tool steel, full nickel plated, per dozen,

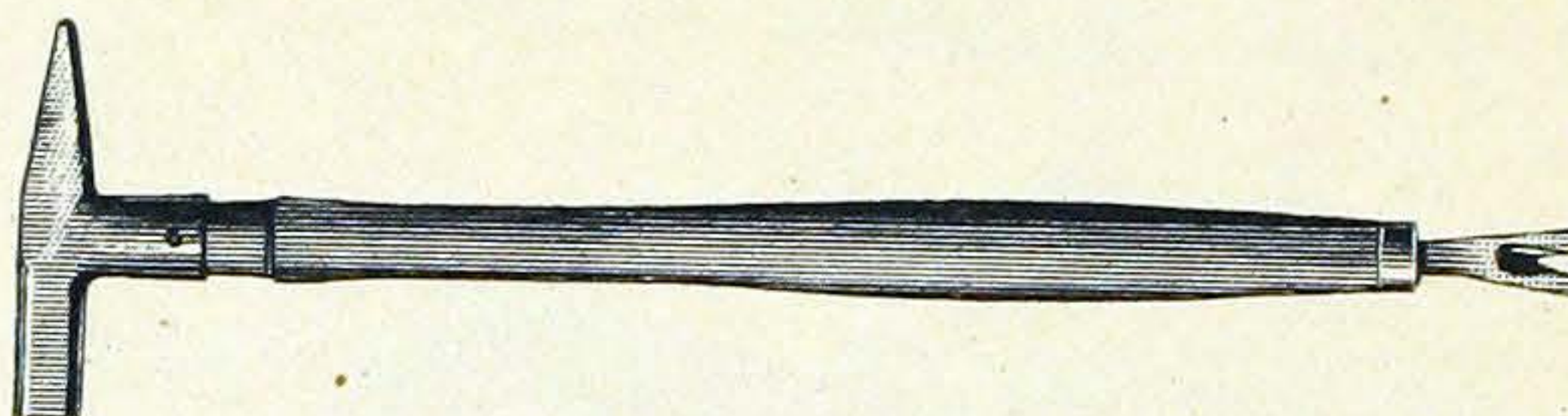
Tack.
No. 71.



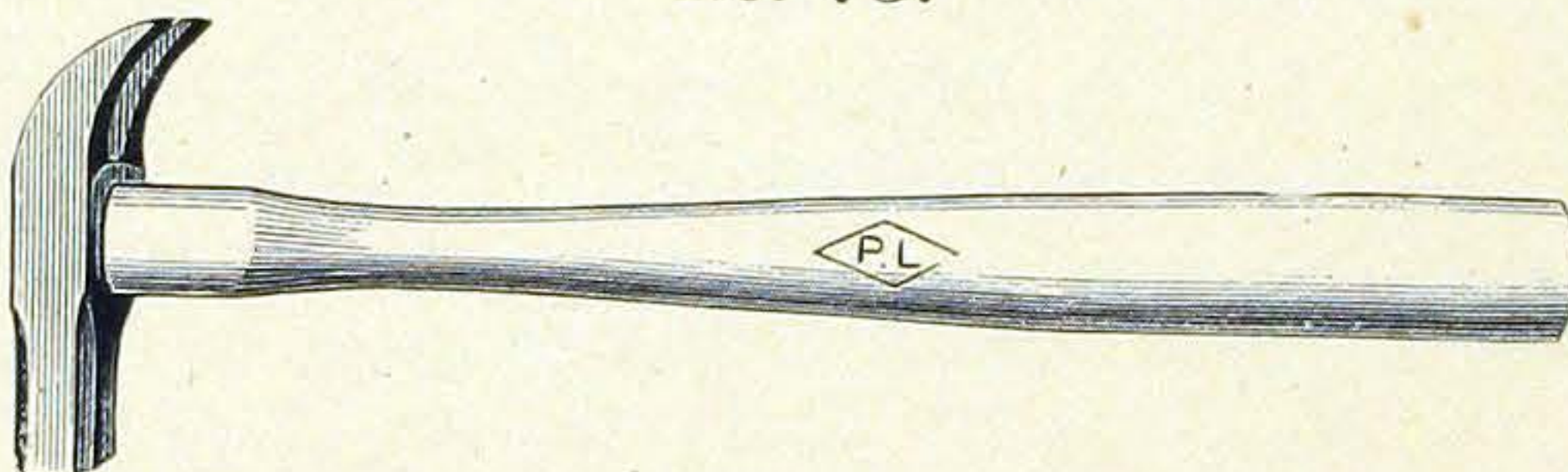
No. 72.



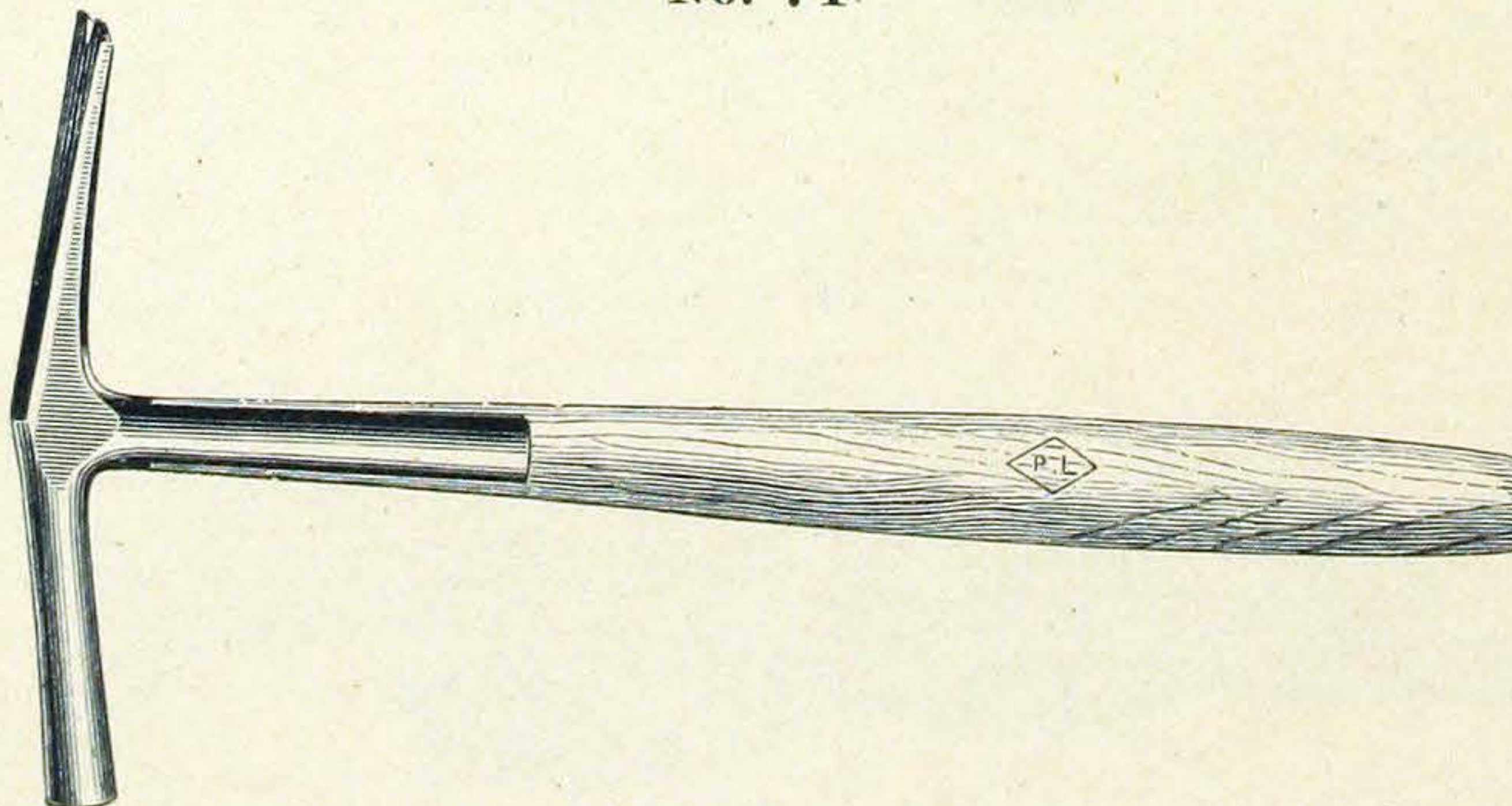
No. 72½.



Brad or Claw.
No. 73.

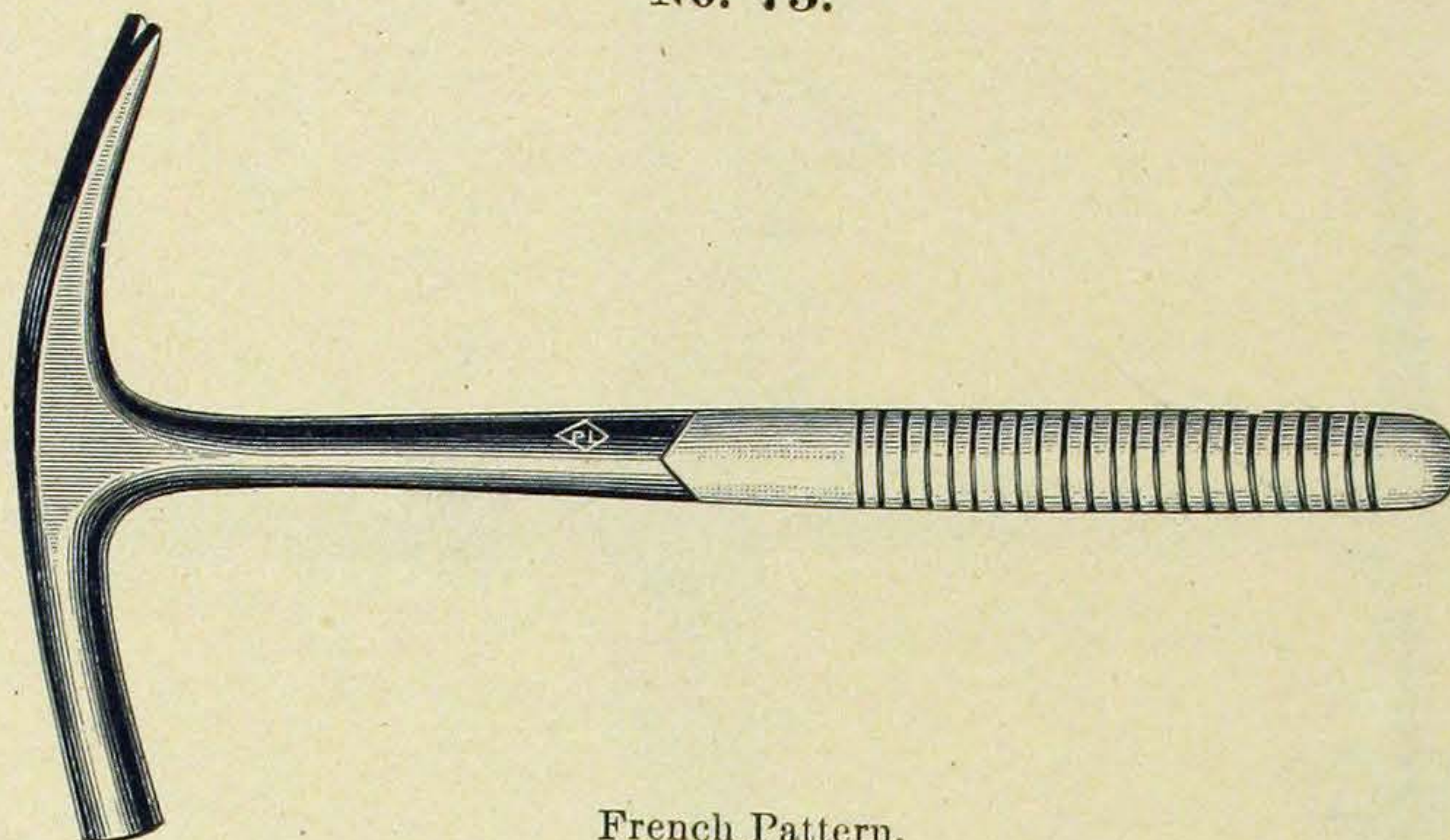


Upholsterers.
No. 74.



No. 1—Heavy, $\frac{1}{2}$ in. face,	Cast Steel, White Hickory Varnished Handles.	
" 2—Light, $\frac{3}{8}$ "		per dozen, \$7.40
	Packed one-half dozen in a box.	" 7.00

No. 75.

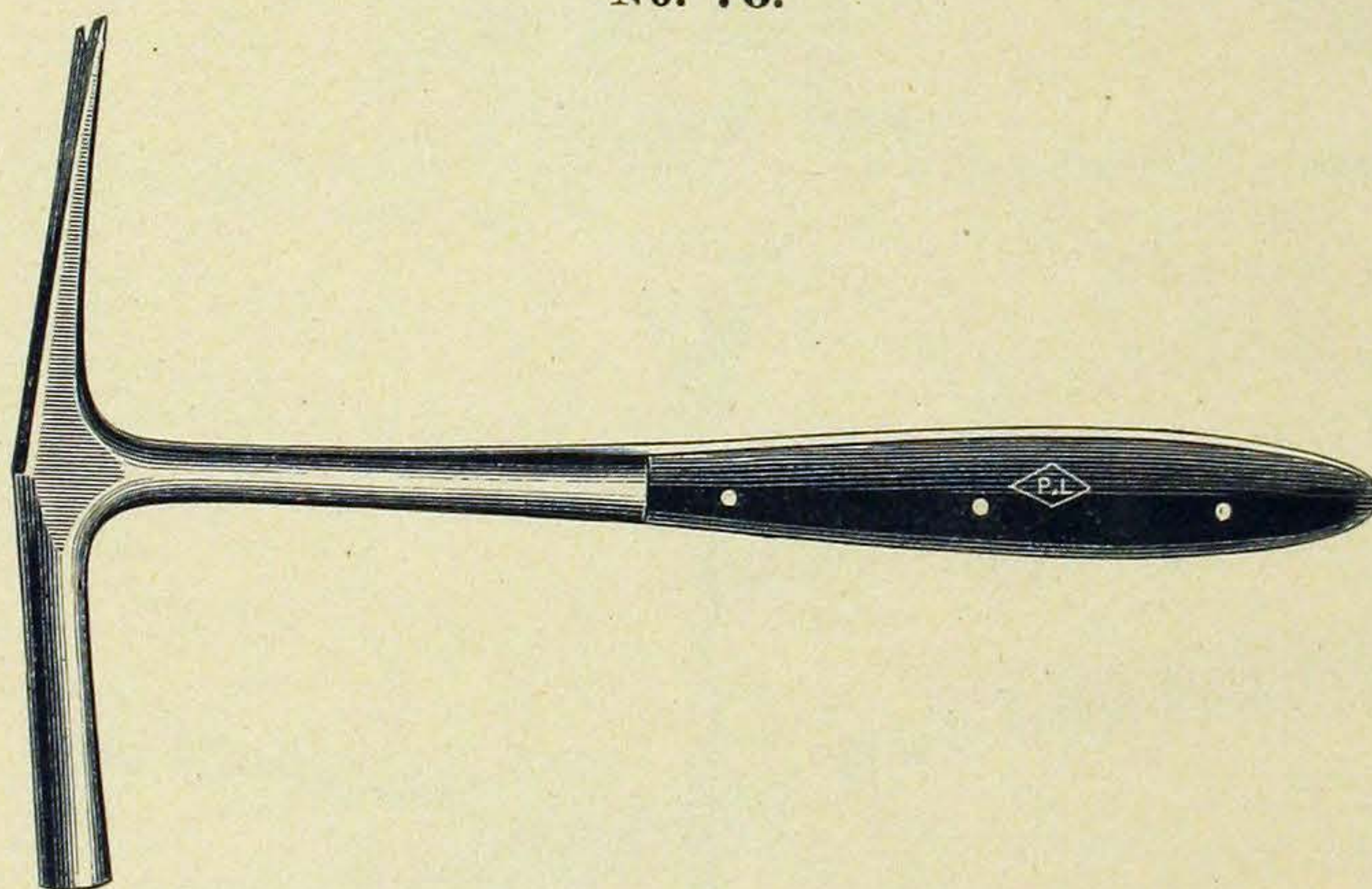


French Pattern.

[illegible]

Packed one-half dozen in a box.

No. 76.

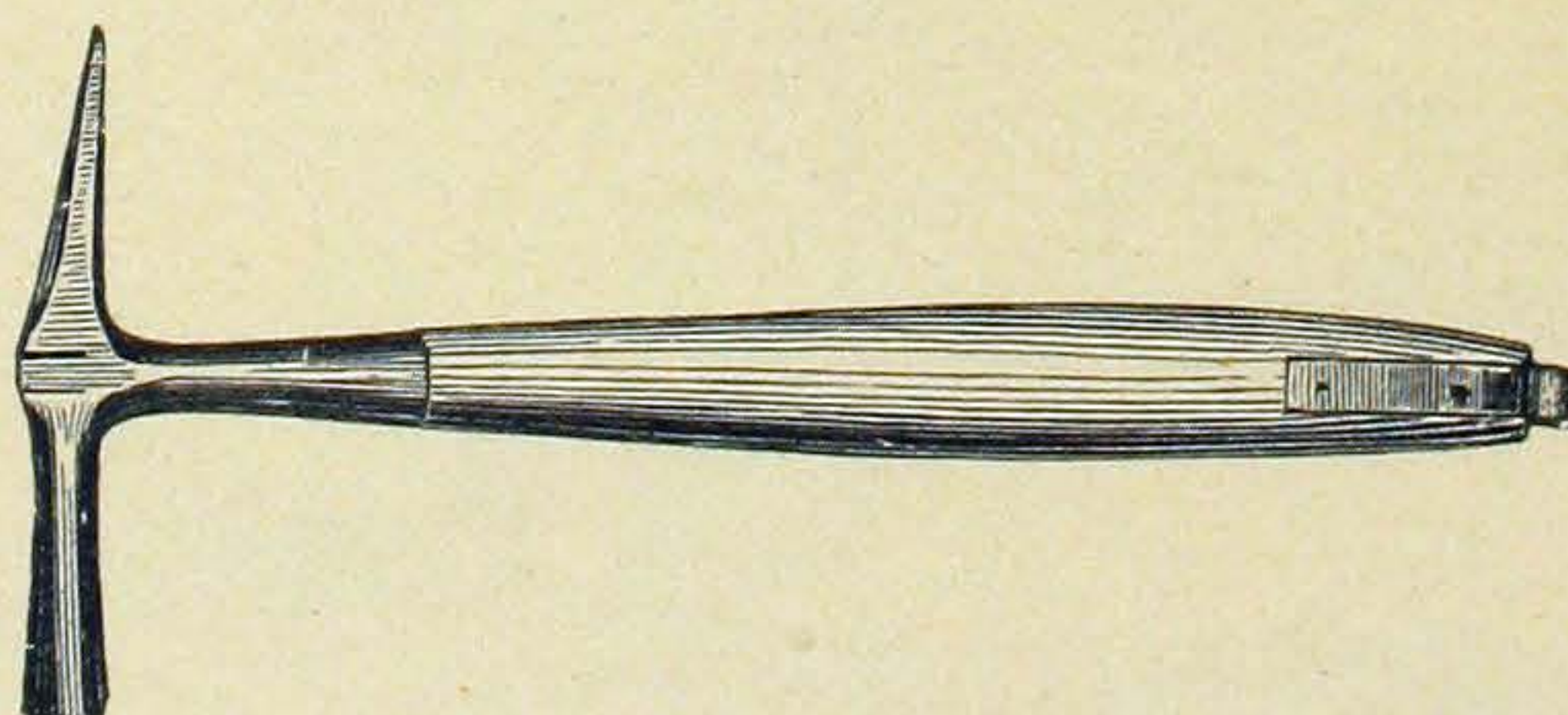


Cast steel, rosewood handles.

Size of face, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ inch, per dozen, \$14.00

Packed one-half dozen in a box.

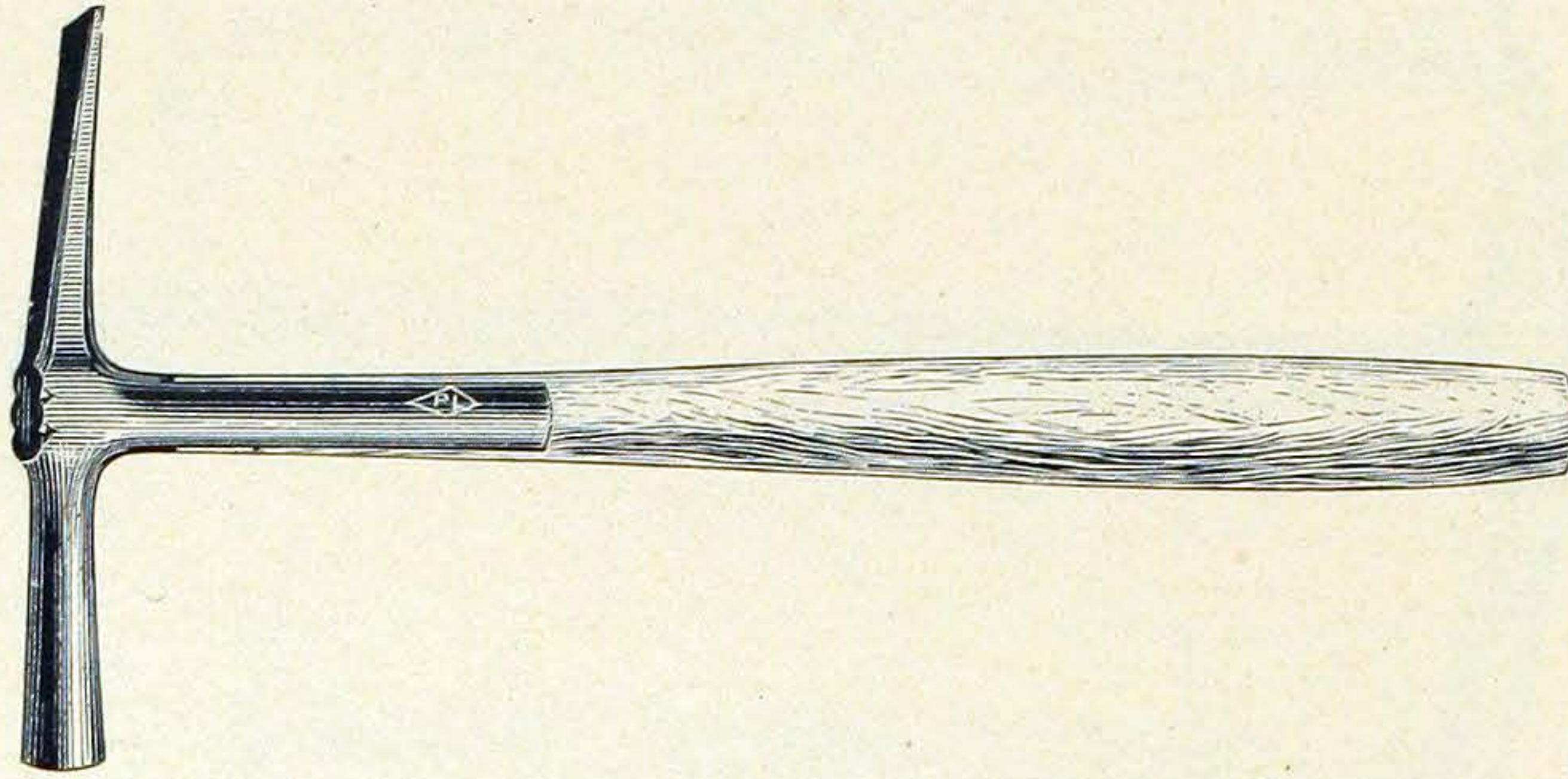
No. 77.



Cast steel, white hickory handles, varnished.

Claw on handle,	per dozen, \$11.00
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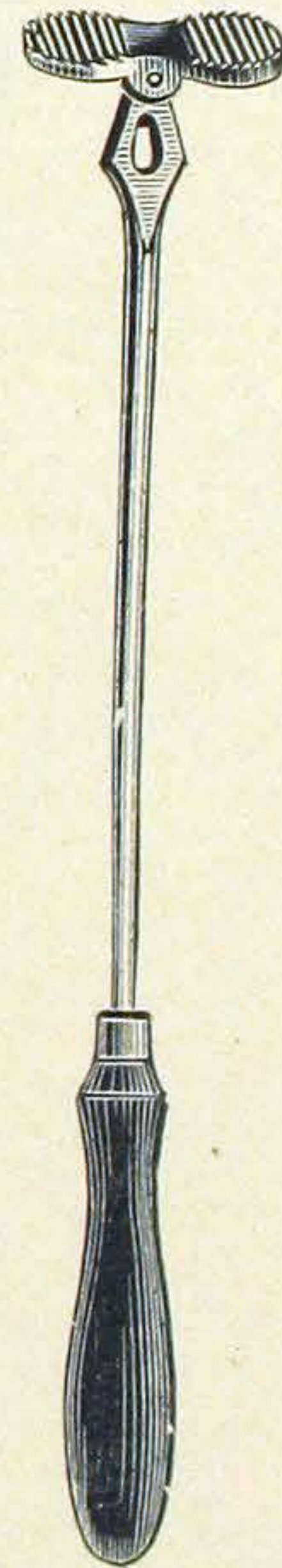
Packed one-half dozen in a box.

HAMMERS.**Saddlers.****No. 78.**

Cast steel, white hickory handles, varnished.

No. 1.	Plain saddlers,	per dozen, \$7.00
" 2.	Claw on side of hammer,	" 9.25

Packed one-half dozen in a box.

PEG BREAKS.**No. 79.****No. 80.****No. 81.**

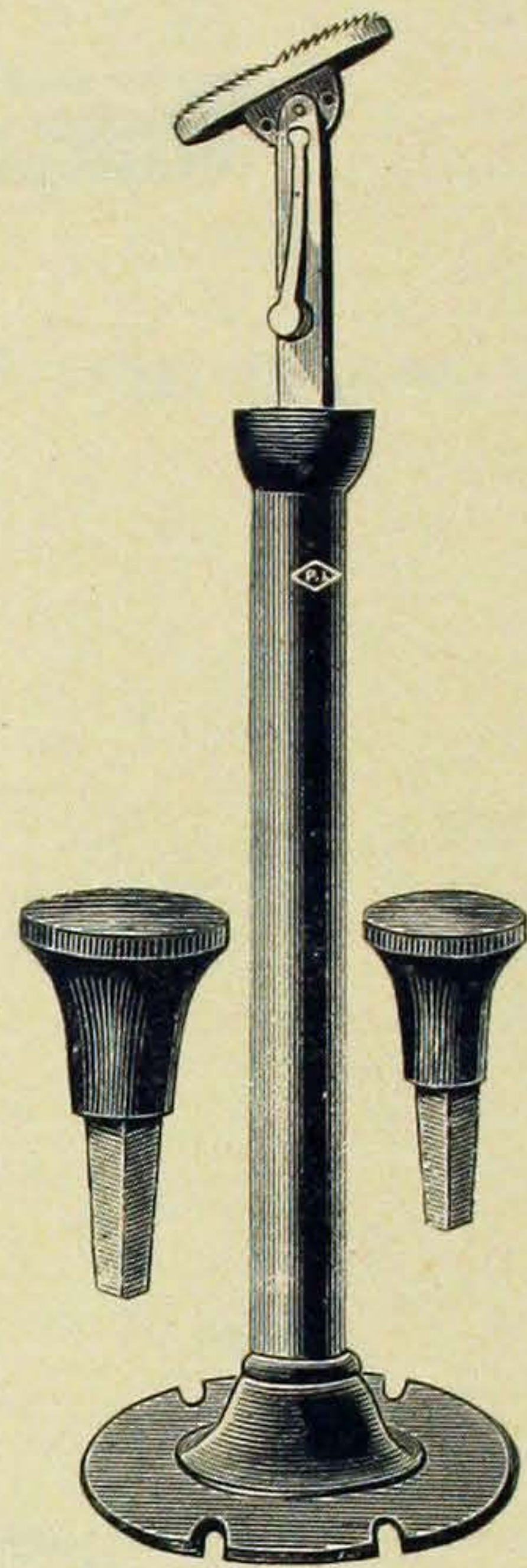
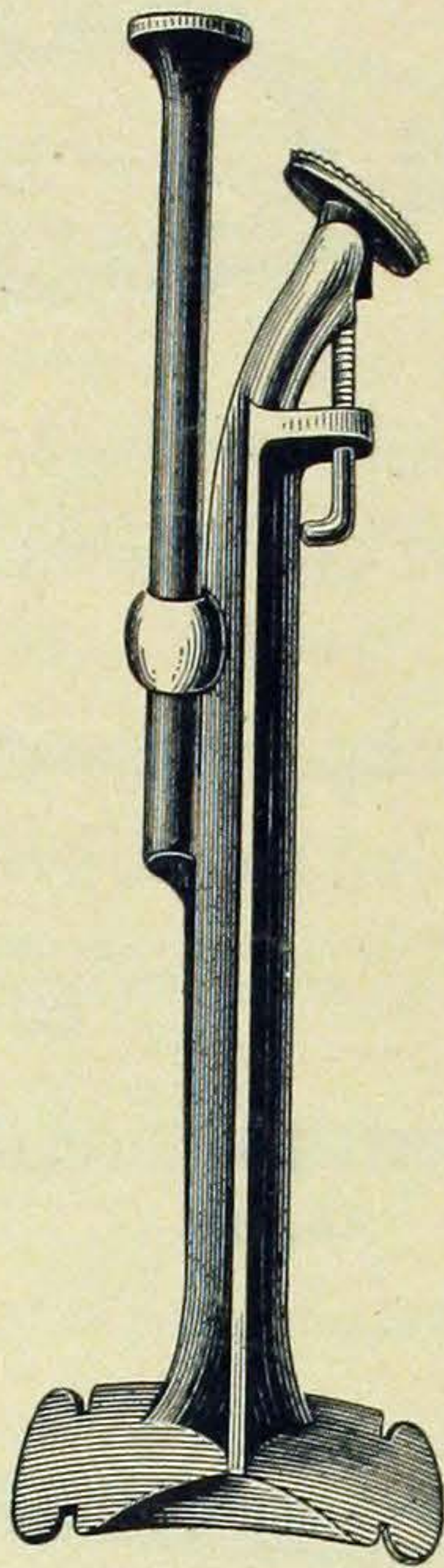
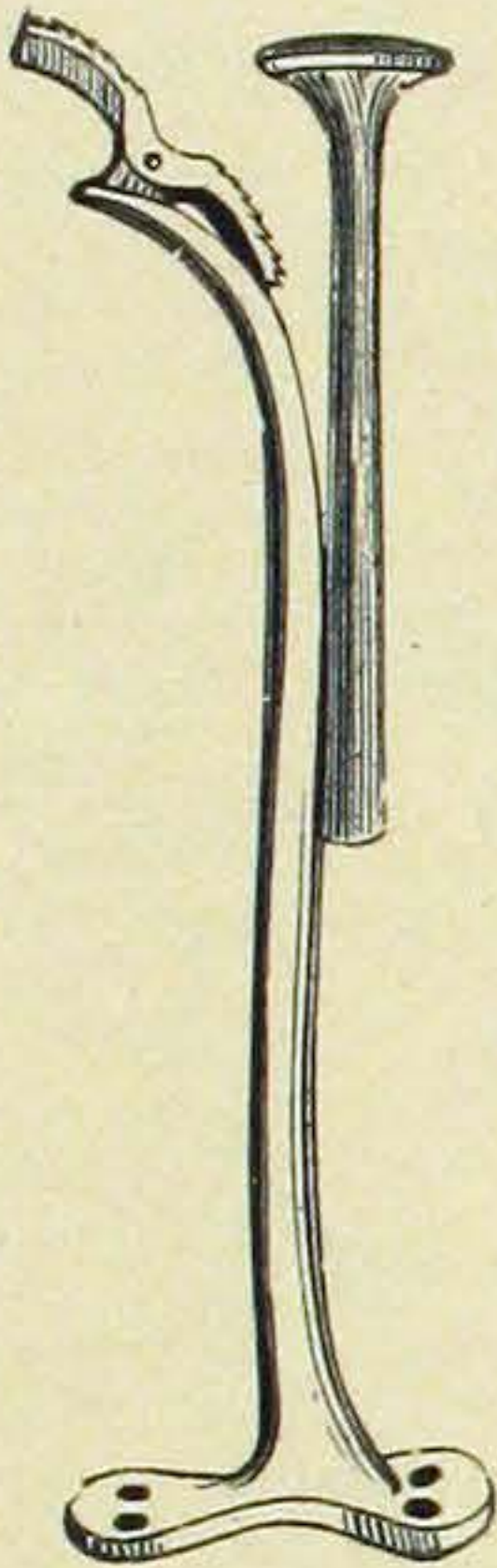
No. 1.	Heavy,	per doz., \$4.00	Swivel,	per doz., \$5.00	Improved swivel,	per doz., \$7.50
" 2.	Medium,	" 3.50				
" 3.	Light,	" 3.25				

PEG BREAKS.

No. 83.

No. 84.

No. 82.



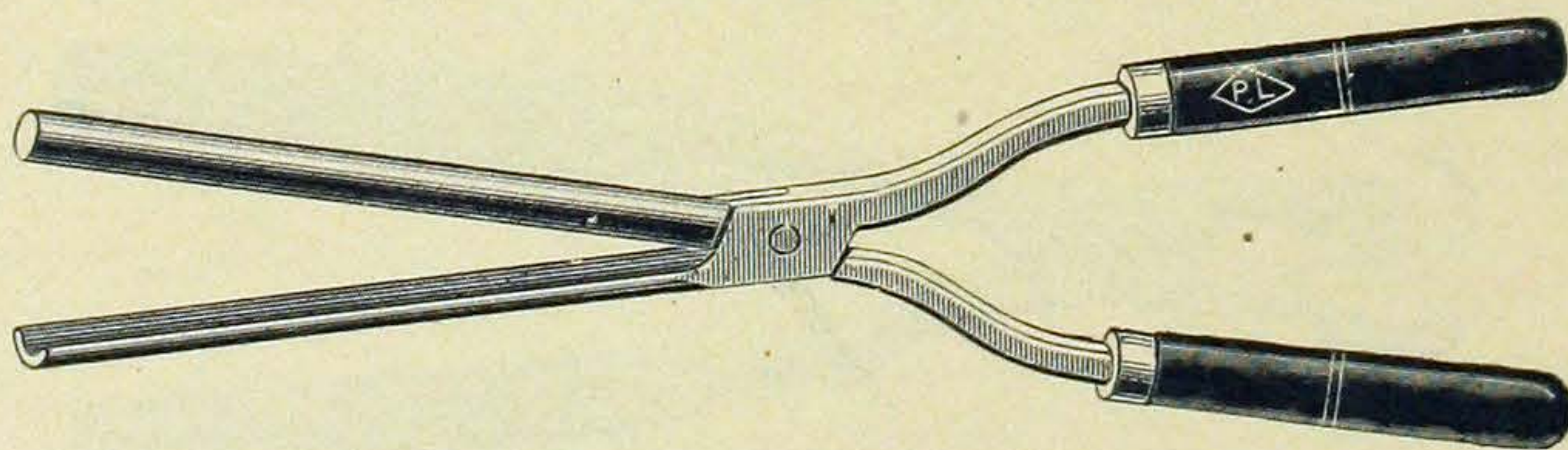
Standard, with clinchers, per doz., \$6.00

Standard, with clinchers, per doz., \$9.50
Extra cutters, " 2.50

Heavy Standard, with 2 clinchers,
per doz., \$15.00
Extra Cutters, with side spring,
per doz., 5.50
Extra cutters, 2.50

CURLING TONGS.

No. 85.



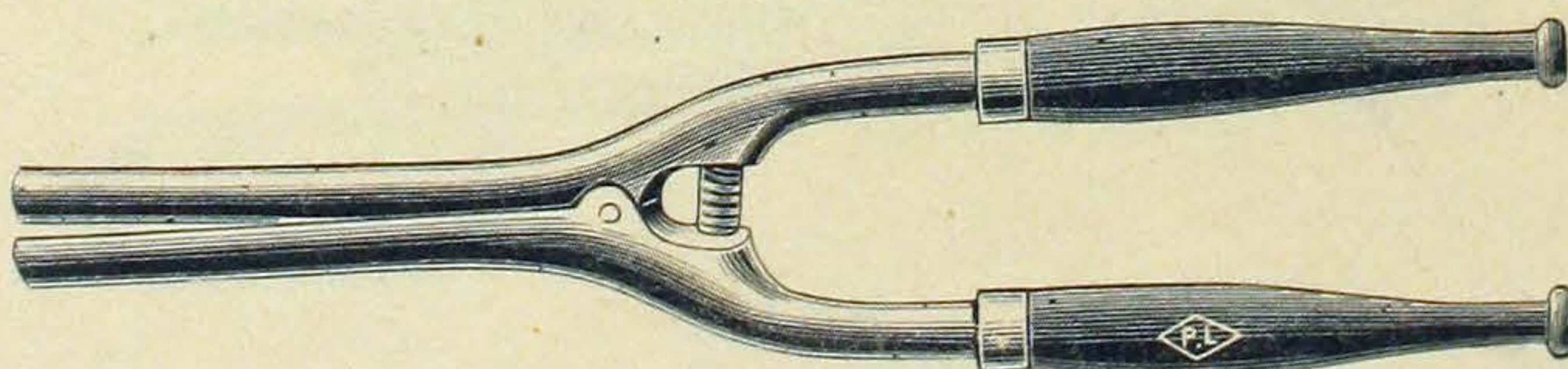
Black handles, with nickel-plated ferrules, polished.

No. 1, per dozen,
" 2, "
" 3, "

\$6.00
5.25
4.50

Packed one dozen in a box.

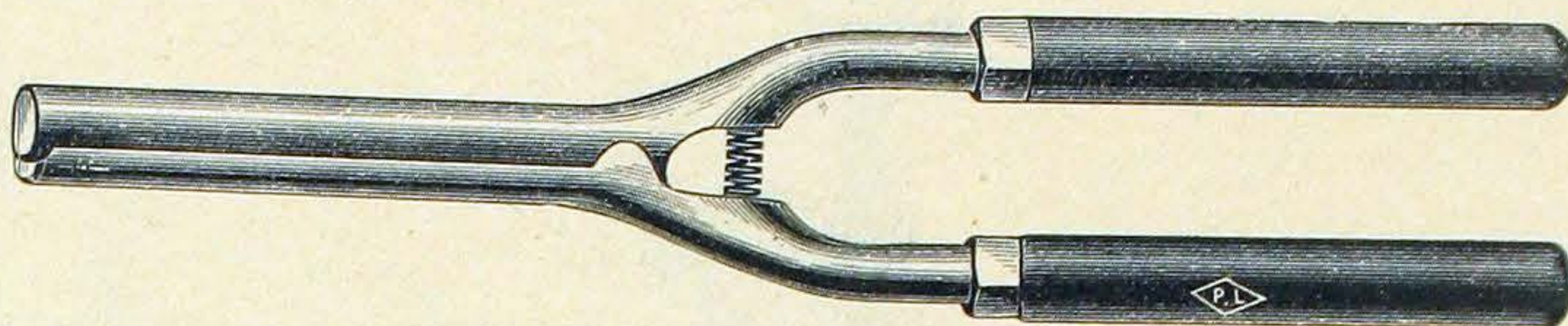
No. 86.


Full nickel plated, with spring, wood handle, per gross,
Packed one dozen in a box.

\$30.00

CURLING TONGS.

No. 87.



Full nickel-plated, with spring, wood handle,

Packed one dozen in a box.

per gross, \$30.00

CURLING IRONS.

No. 89.

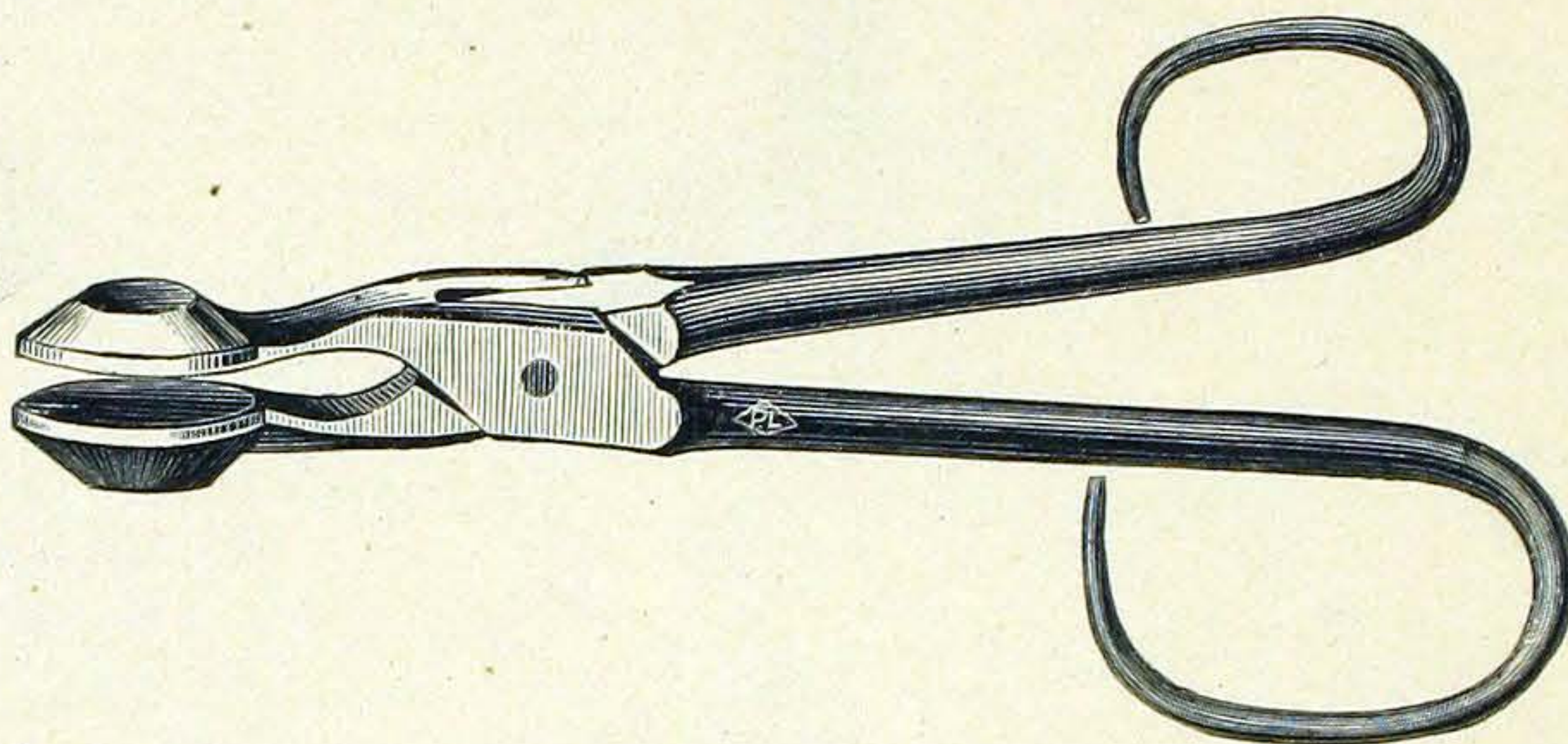


Black polished handles, polished.

Inches,						
Per dozen,	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	
	\$2.00	2.25	2.50	3.00	3.40	

PINCHING IRONS.

No. 90.

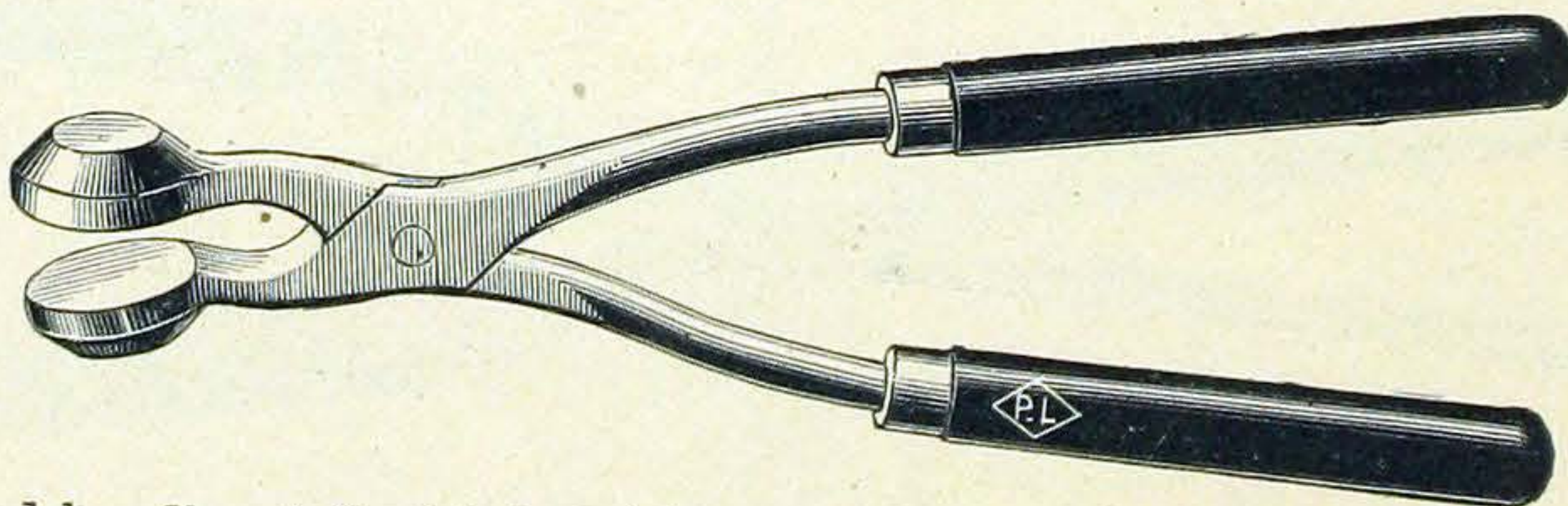


Small, to heat by gas, polished,

Packed one dozen in a box.

per dozen, \$6.50

No. 91.

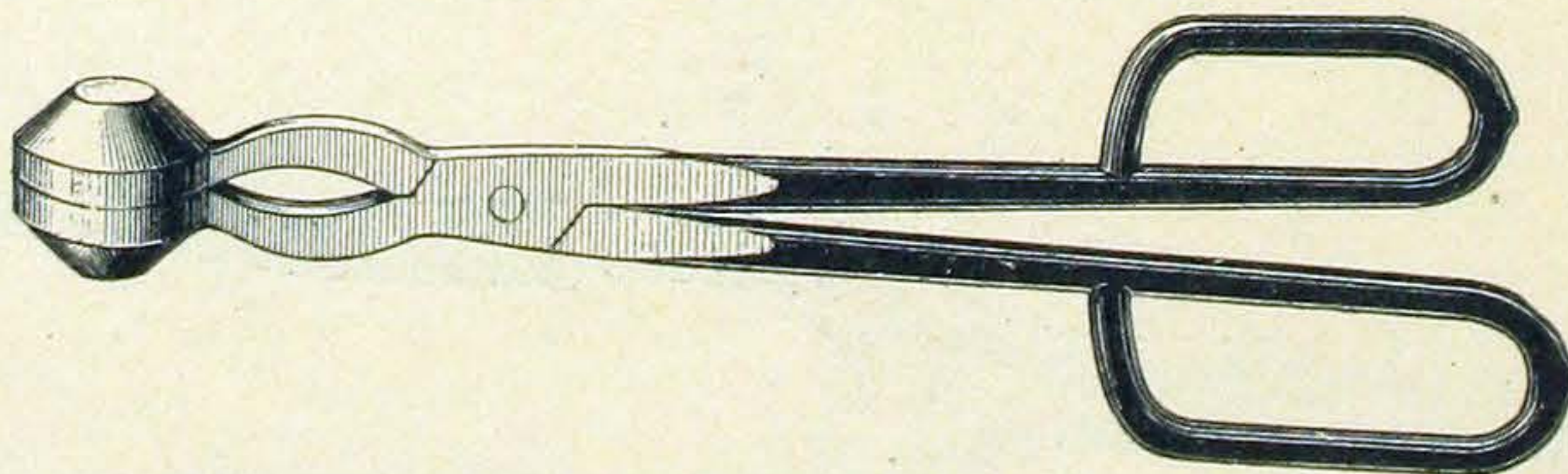


Small, to heat by gas, wood handles, full nickel-plated,

Packed one-half dozen in a box.

per gross, \$48.00

No. 92.



Polished.

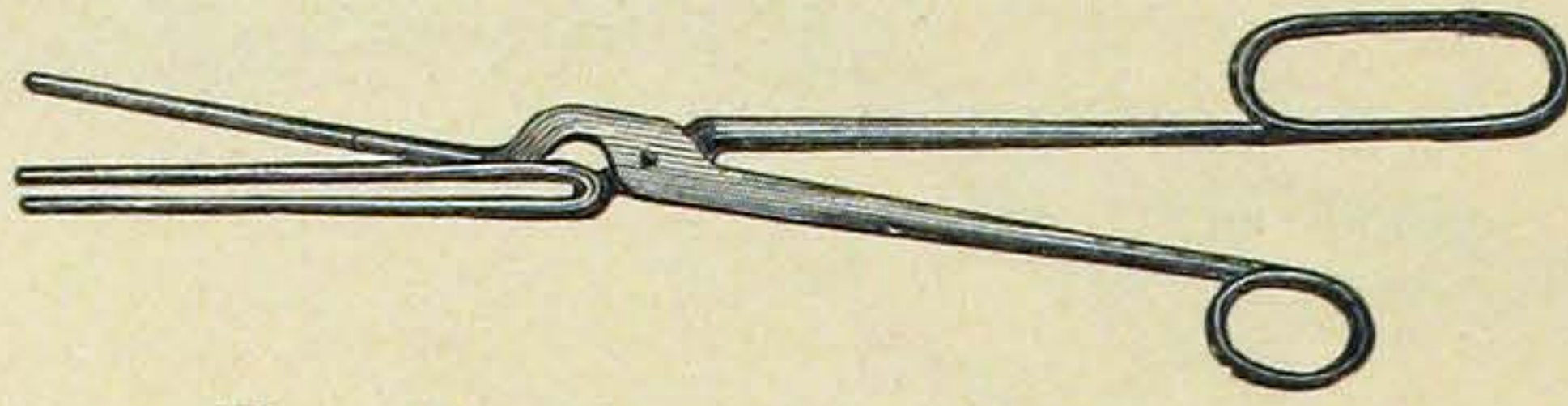
No. 1. Large,
" 2. Medium,

per dozen, \$6.50
" 6.25

Packed one-half dozen in a box.

FLUTING SCISSORS.

No. 93.

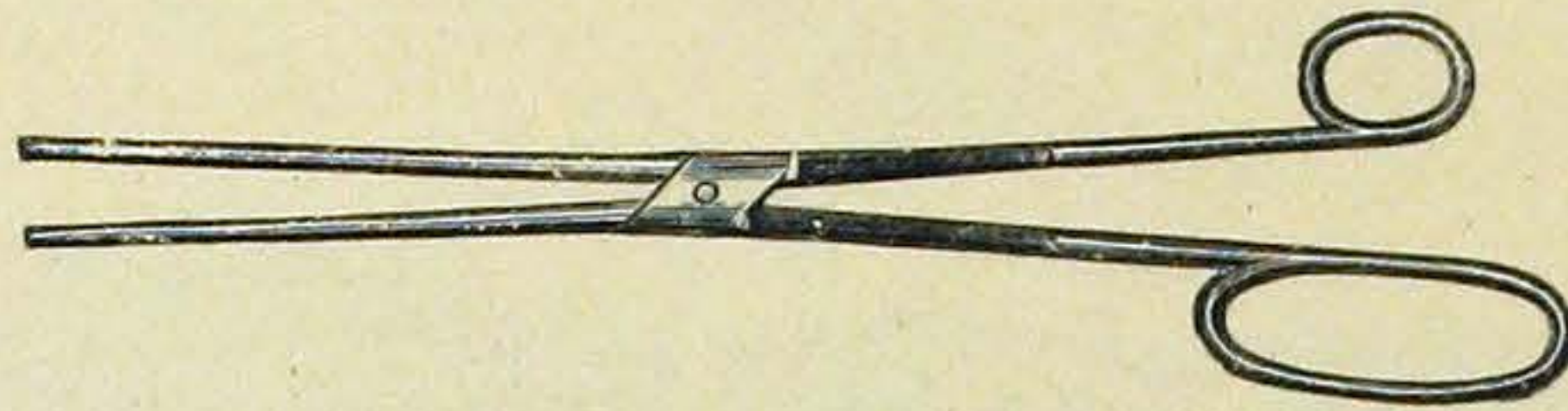


Three Prong, Iron Handles, polished.

Nos.	0	1	2	3	4
Per dozen,	\$5.00	4.50	3.50	3.25	3.00

Packed one dozen in a box.

No. 94.



Two Prong, Iron Handles, polished.

Nos.	0	1	2	3
Per dozen,	\$3.50	3.25	3.00	2.75

Packed one dozen in a box.

No. 95.

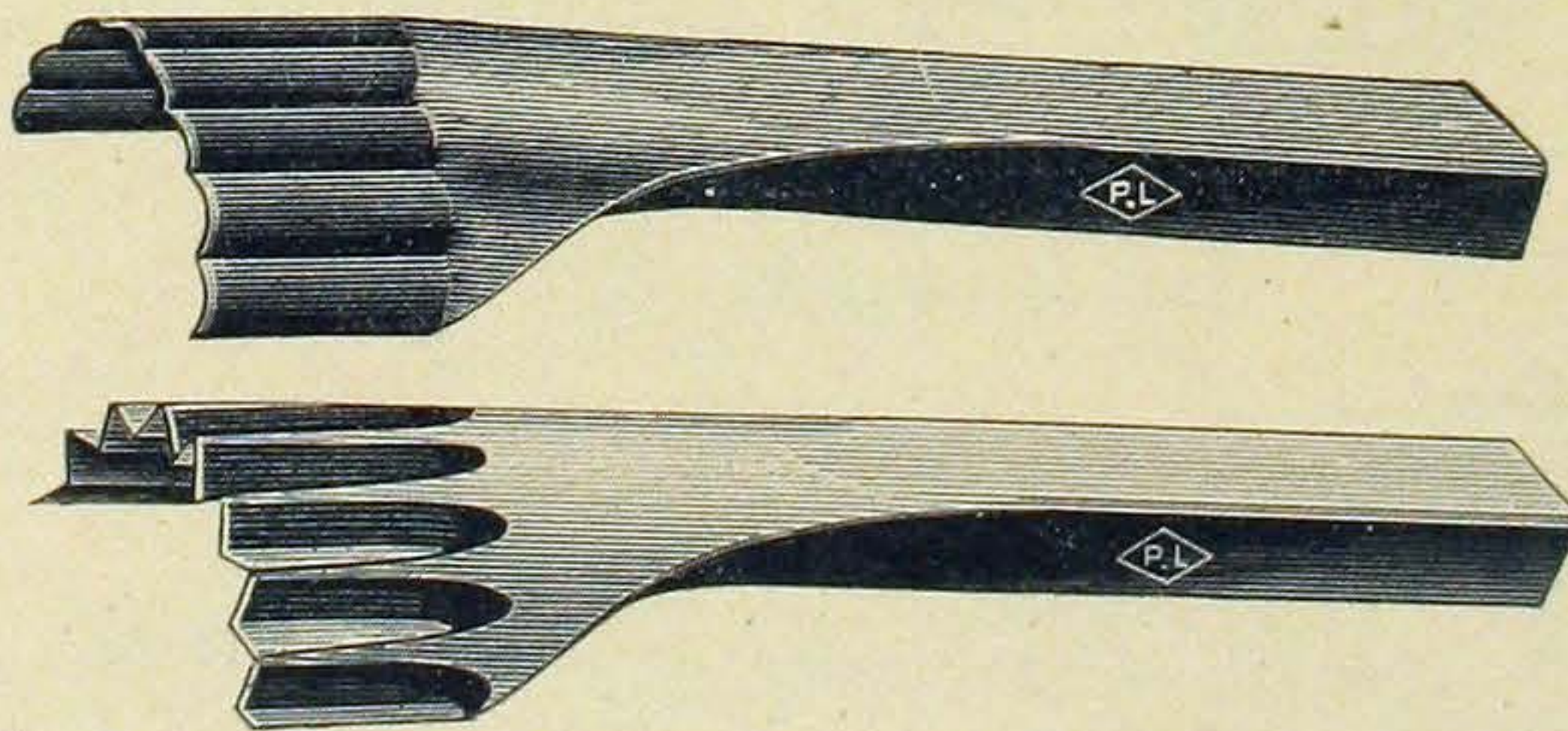


Rosewood Handles, with Spring, polished.

Nos.	1	2	3
Per dozen,	\$5.50	4.50	4.00

PINKING IRONS.

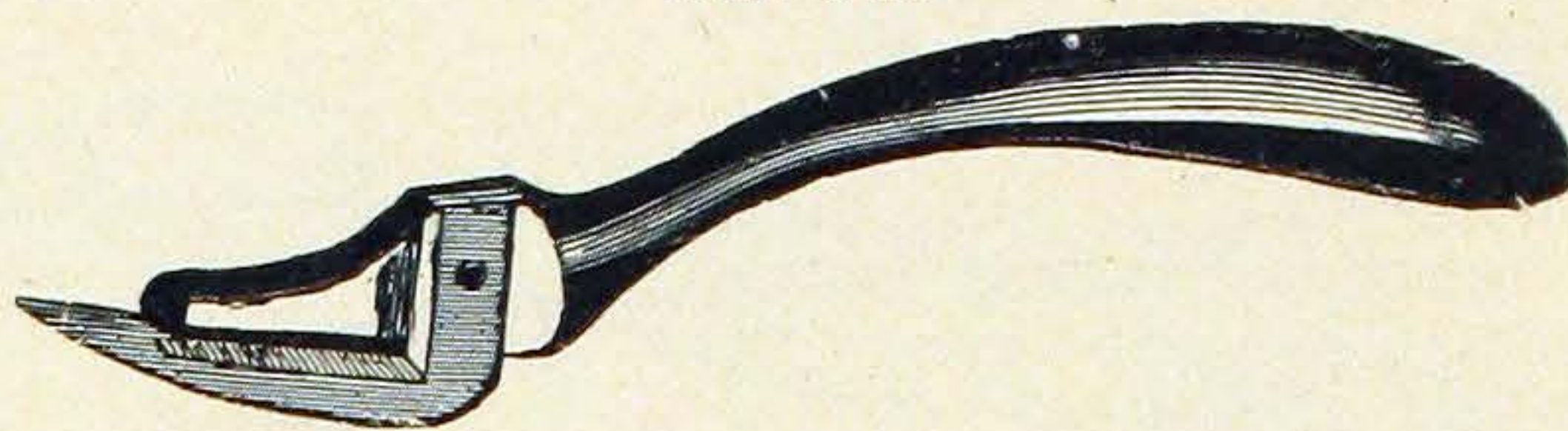
No. 96.



Solid Cast Steel, polished—Oval, Diamond or Scolloped Teeth.

$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch,	per dozen, \$2.00
$1\frac{1}{8}$ to $1\frac{1}{2}$ inch,	per dozen, \$3.50
$1\frac{5}{8}$ to 2 "	" 5.00
$2\frac{1}{8}$ to $2\frac{1}{2}$ "	" 6.00
$2\frac{5}{8}$ to 3 "	" 9.00

Packed one dozen in a box.

SARDINE OPENERS.**No. 97.**

No. 5.	First quality, full nickel-plated, fine finish, blade screwed on,	per dozen, \$6.50
" 5.	" " polished head and blade, handle japanned, blade screwed on,	" 2.25
" 5.	Second " " blade, head and " " " " riveted on,	" 1.75
" 5.	" " " " " " " " riveted on,	" 1.55
" 5.	Third " head and handle japanned, blade screwed on,	" 1.45
" 5.	" " " " " " " " riveted on,	" 1.25

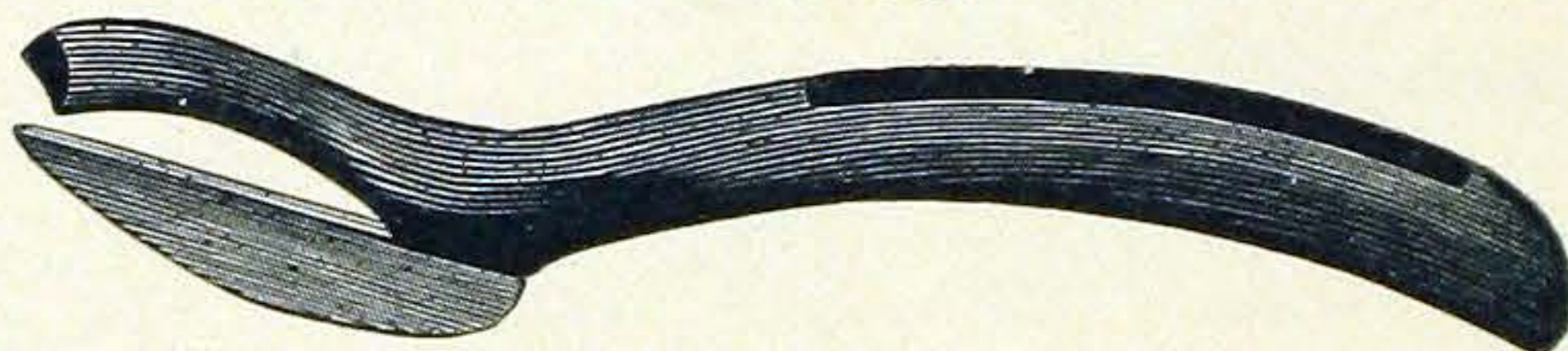
Packed one dozen in a box.

No. 98.

French pattern, cast steel,

Packed one dozen in a box.

per dozen, \$2.00

CAN OPENERS.**American.****No. 99.**

Cast steel blade, polished,

Packed one dozen in a box.

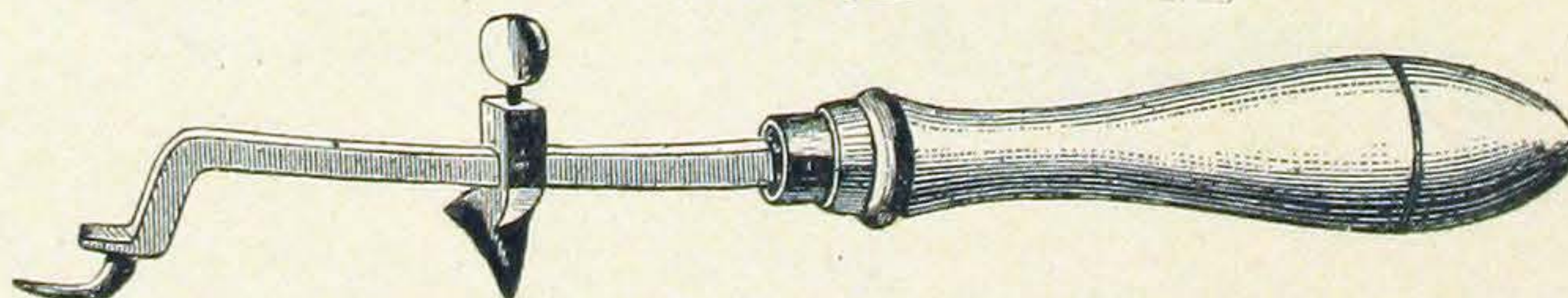
per dozen, \$1.50

"Wheel."**No. 100.**

Cast steel, new pattern,

Packed one dozen in a box.

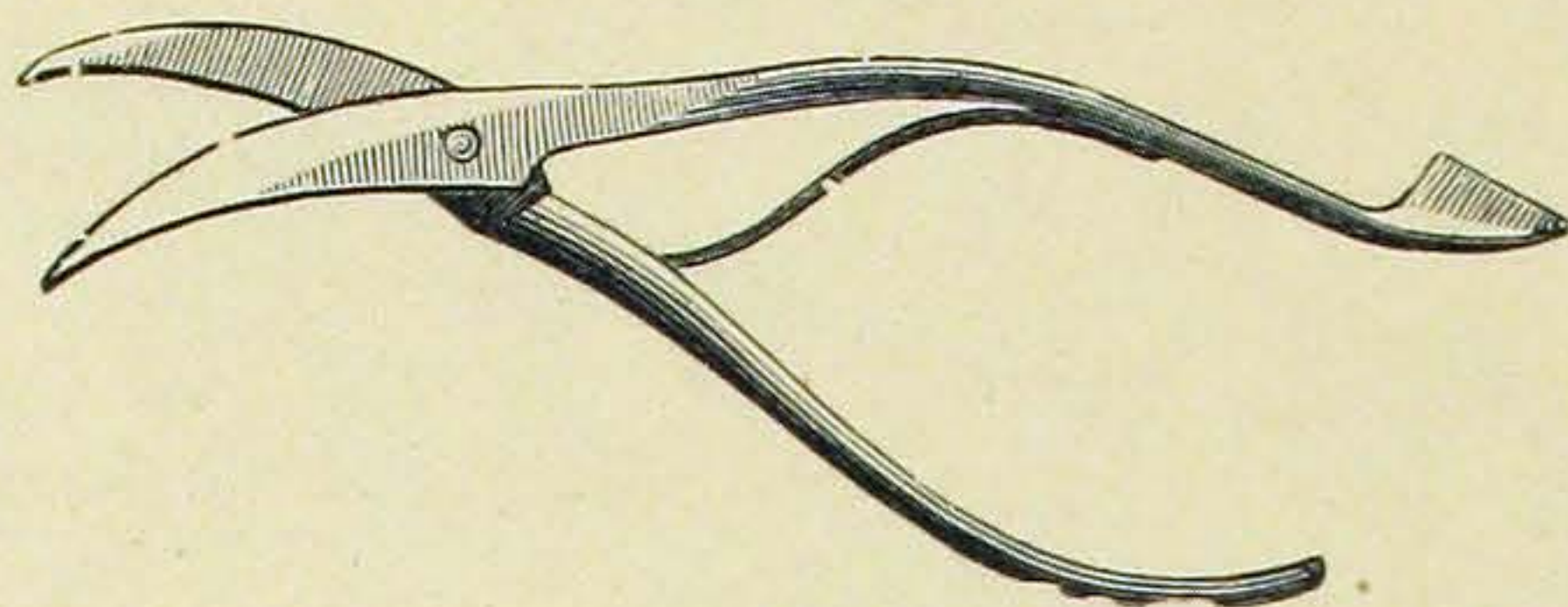
per dozen, \$2.50

"Star."**No. 101.**

Adjustable,

Packed one dozen in a box.

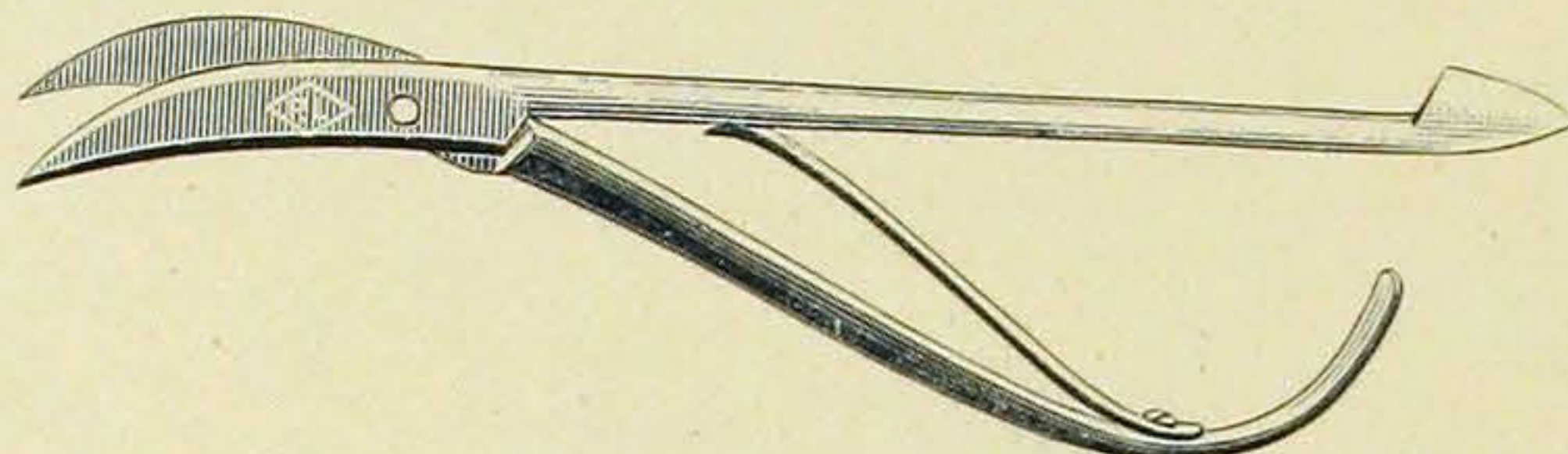
per dozen, \$7.25

SARDINE SCISSORS.**No. 102.**

Cast Steel Laid, polished,

Packed one dozen in a box.

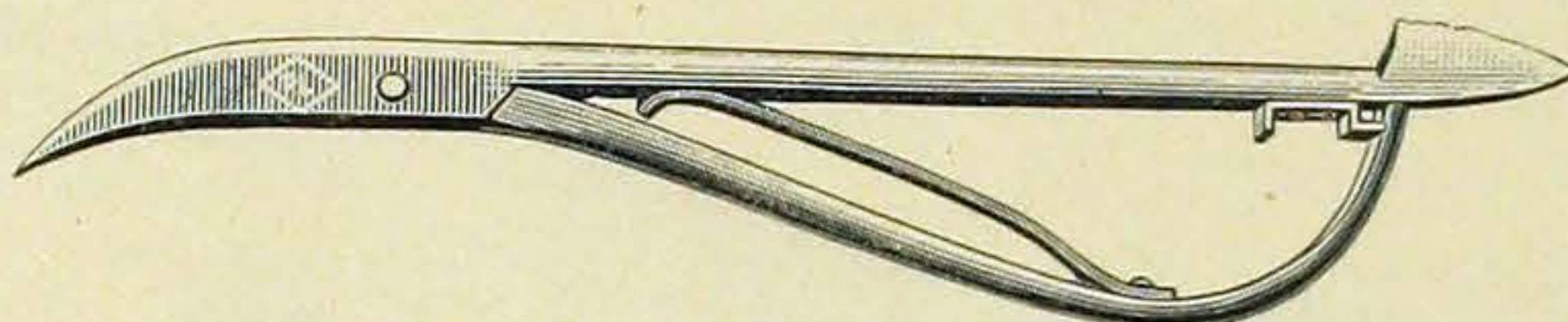
per dozen, \$4.50

No. 103.

Solid Cast Steel, polished,

Packed one dozen in a box.

per dozen, \$5.50

No. 104.

Solid Cast Steel, polished, with catch,

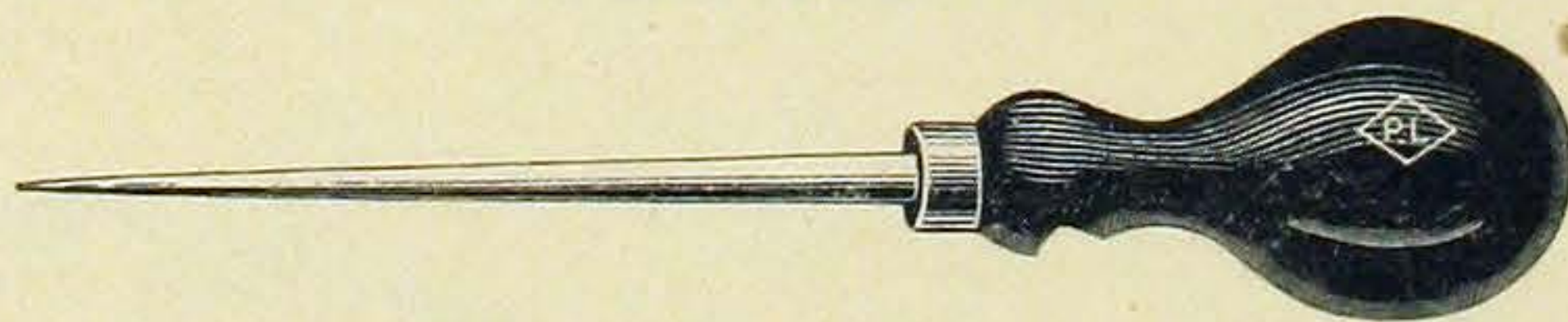
Packed one dozen in a box.

per dozen, \$6.50

AWLS.**Belt.****No. 105.**

Cast Steel, polished, Black Handles,

per gross, \$15.00

Marking or Scratch.**No. 106.**

Cast Steel, polished, Black Handles,

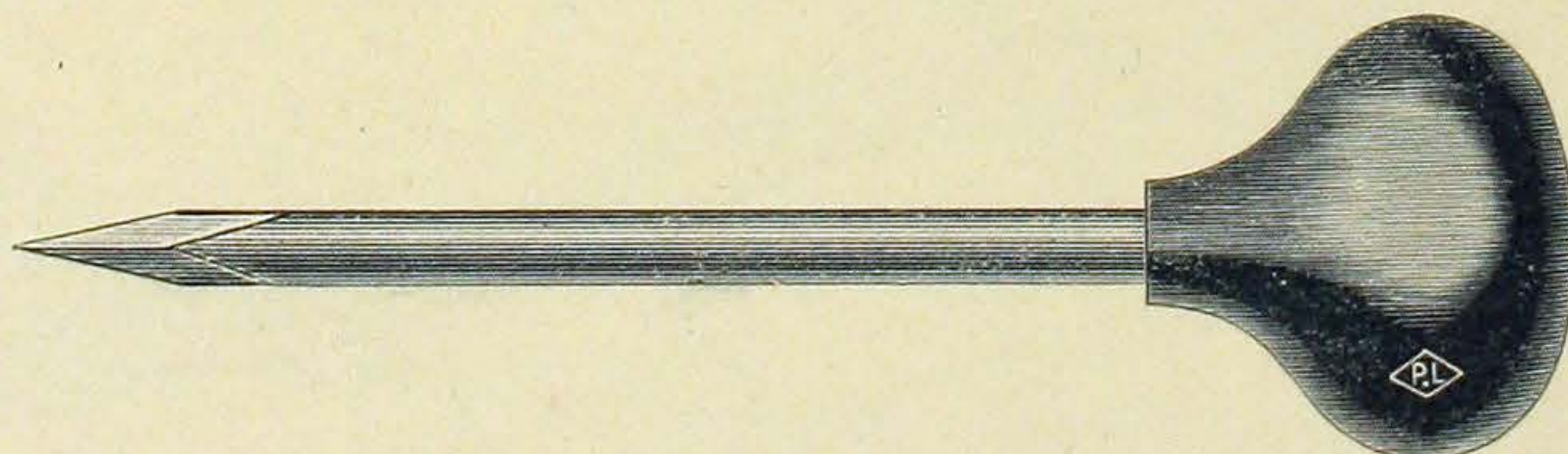
per gross, \$15.00

Ice Picks.**No. 107.**Cast Steel, polished, **Iron Head.**

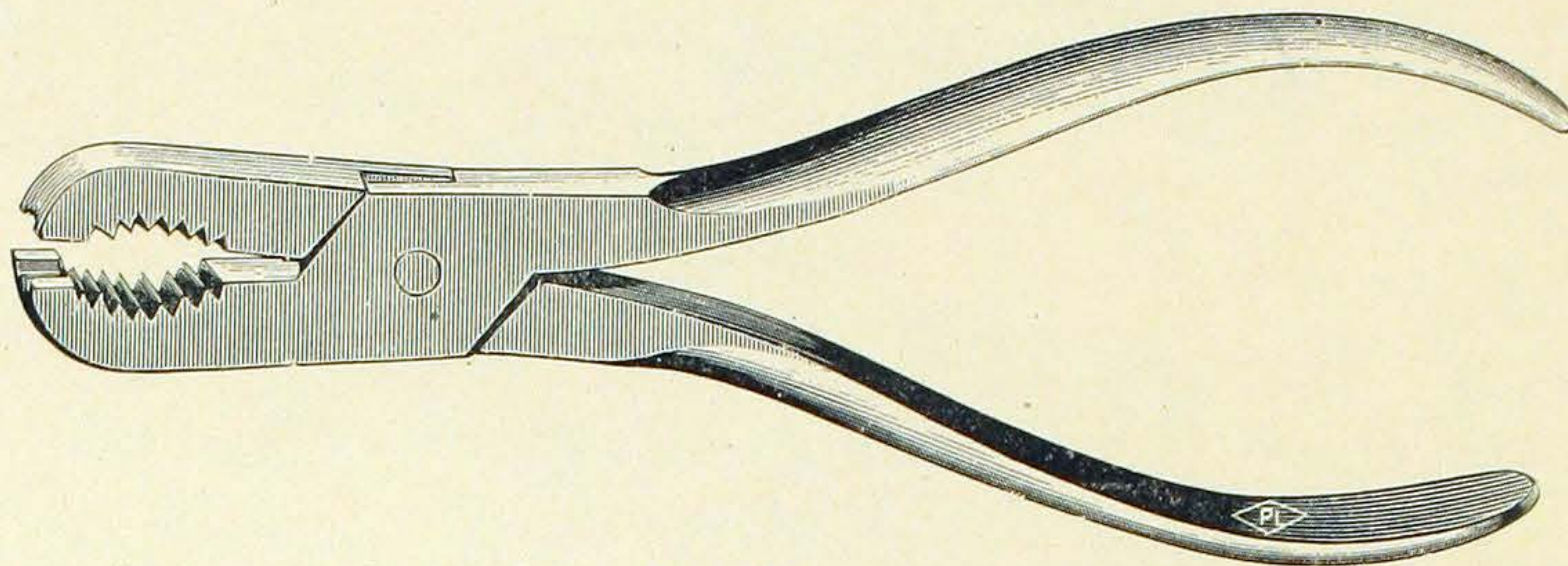
Nos.	00	0	1	2
Inch	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$
Per gross,	\$20.00	18.00	16.00	14.00

No. 108.Cast Steel, polished, **Wood Head.**

Nos.	00	0	1	2
Inch,	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$
Per gross,	\$20.00	18.00	16.00	14.00

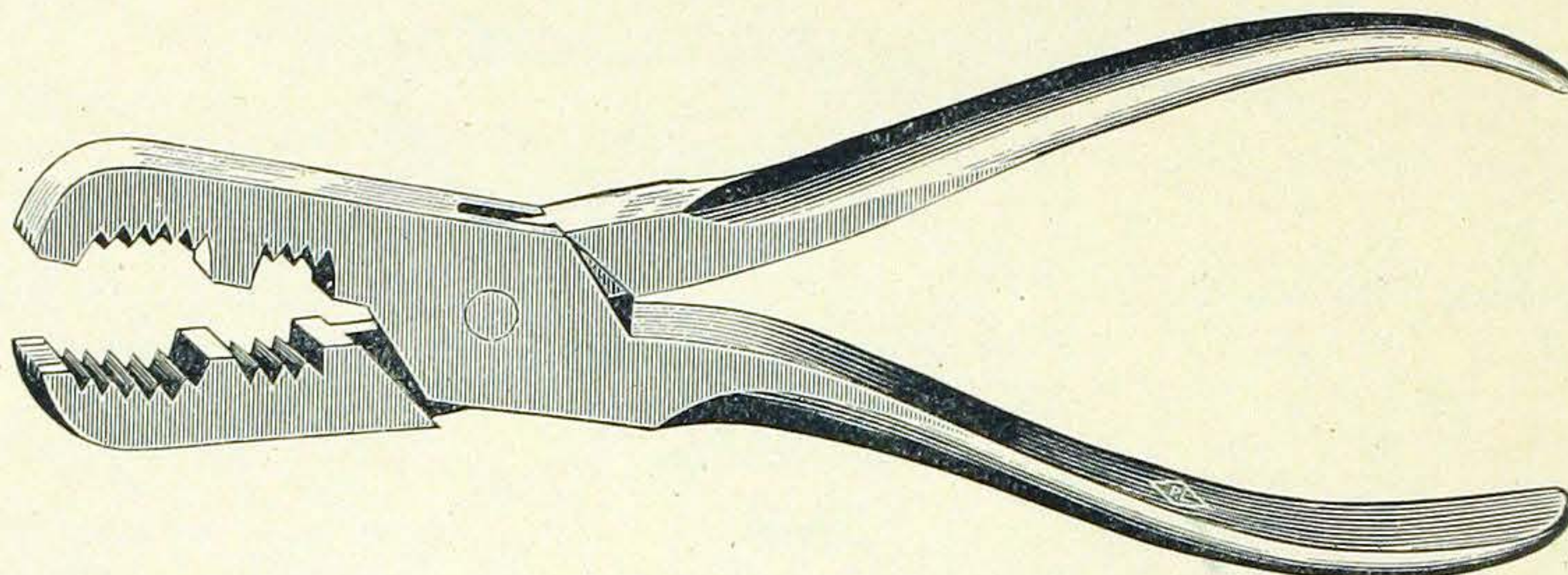


No. 116.



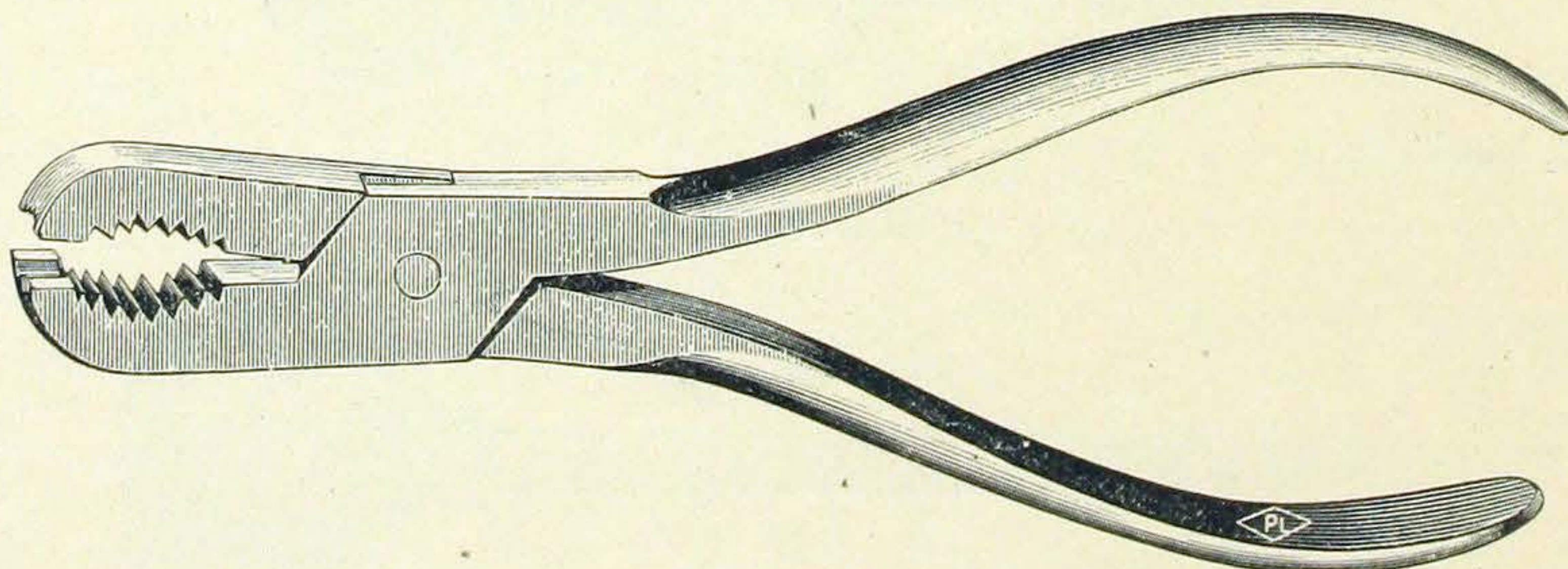
Inches,	4	5	6
Per dozen,	\$5.50	6.00	8.00

No. 117.



Inches,	7	8
Per dozen,	\$10.00	12.00

No. 118.

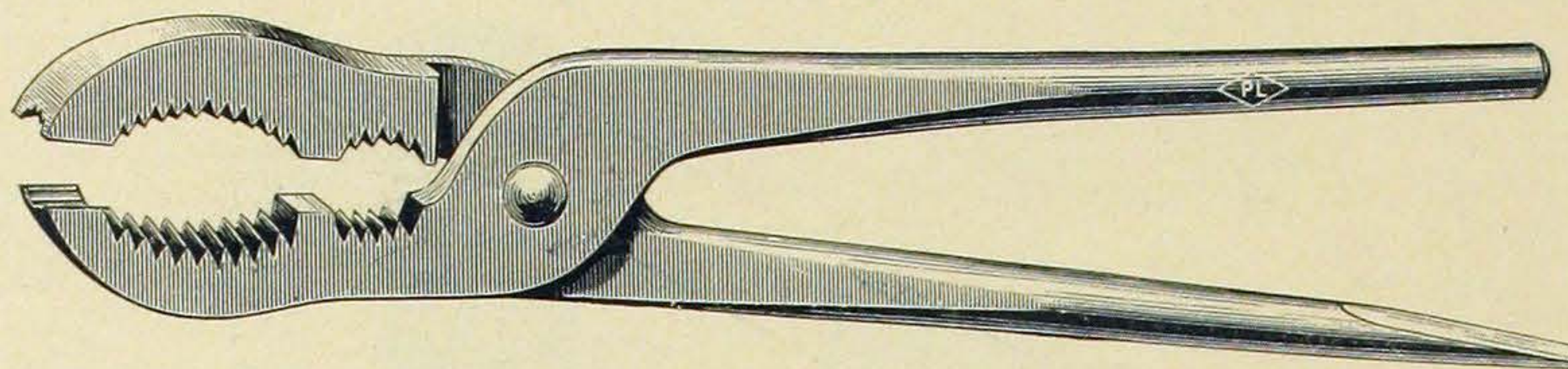


Inches,			4	5	6
No. 1.	Solid cast steel, forged, warranted,		per dozen, \$4.80	4.80	6.50
" 2.	Second quality,		" 4.80	4.80	6.50

Packed one dozen in a box.

GAS PLIERS.

No. 119.



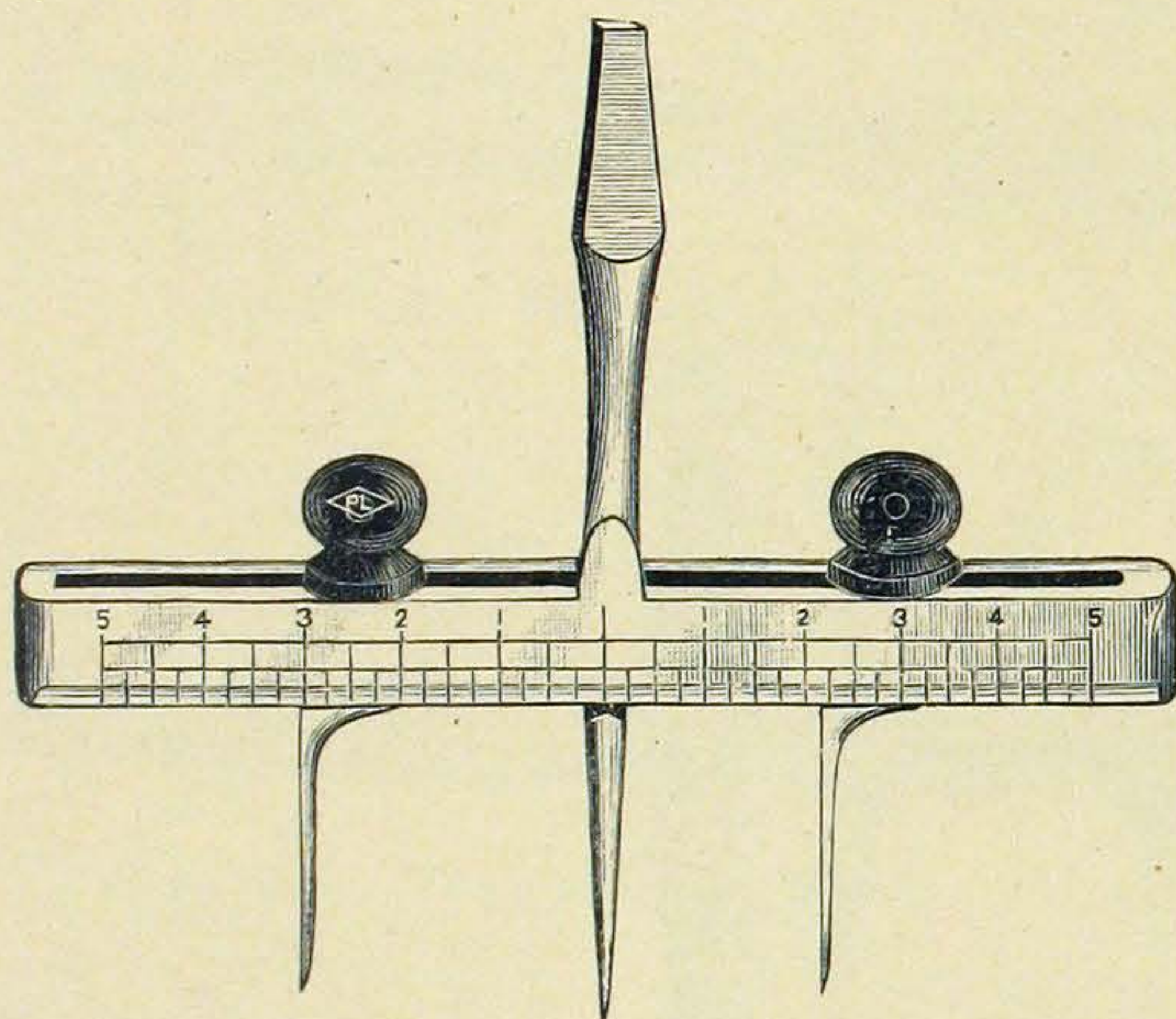
Solid cast steel, either full polished or black, warranted.

Inches,	7	8	9	10	11	12	13	14	15	16
Per dozen,	\$7.40	8.25	9.25	10.70	12.00	13.00	15.00	17.00	19.00	21.00

Packed one-half dozen in a box.

WASHER CUTTERS.

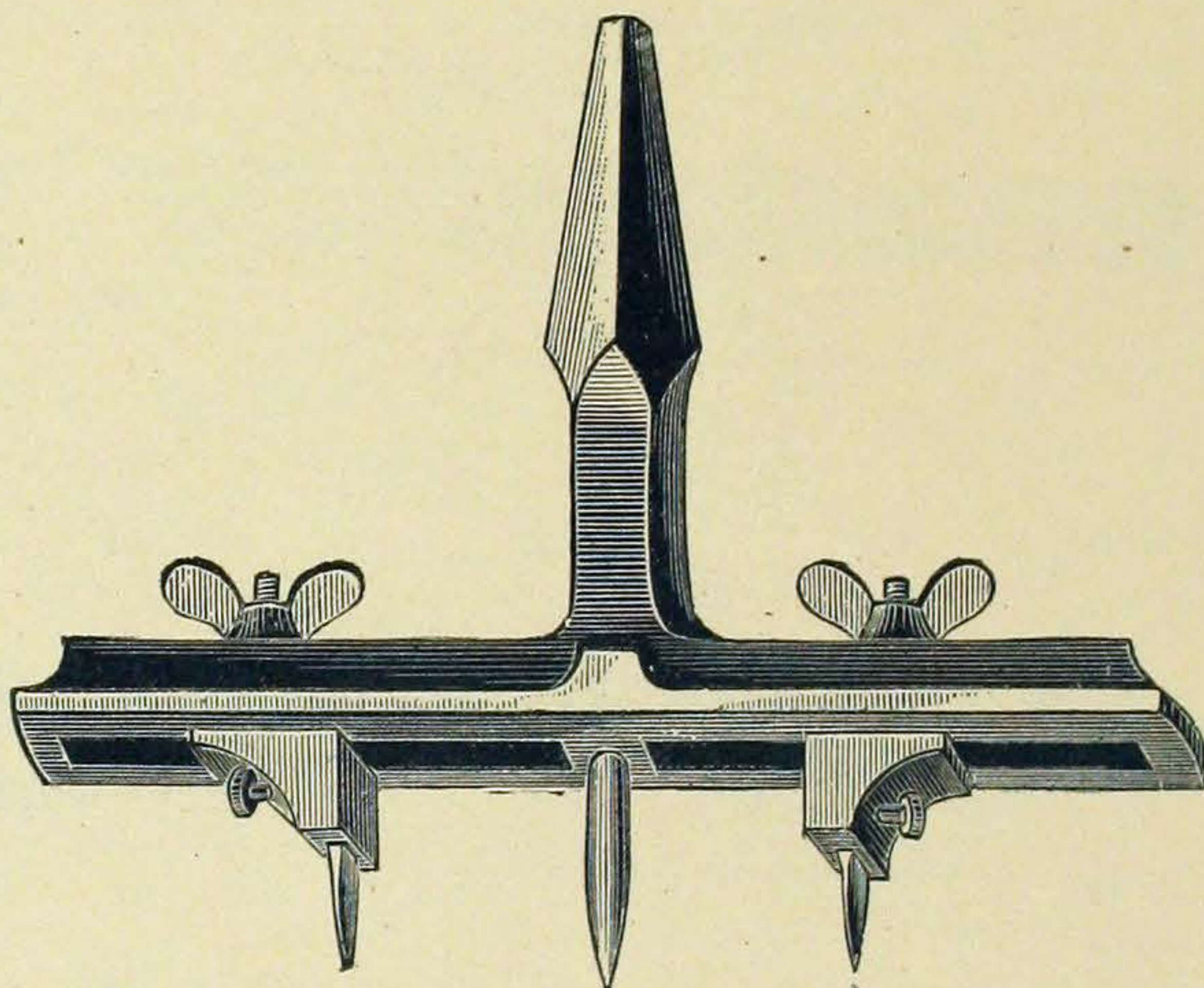
No. 121.



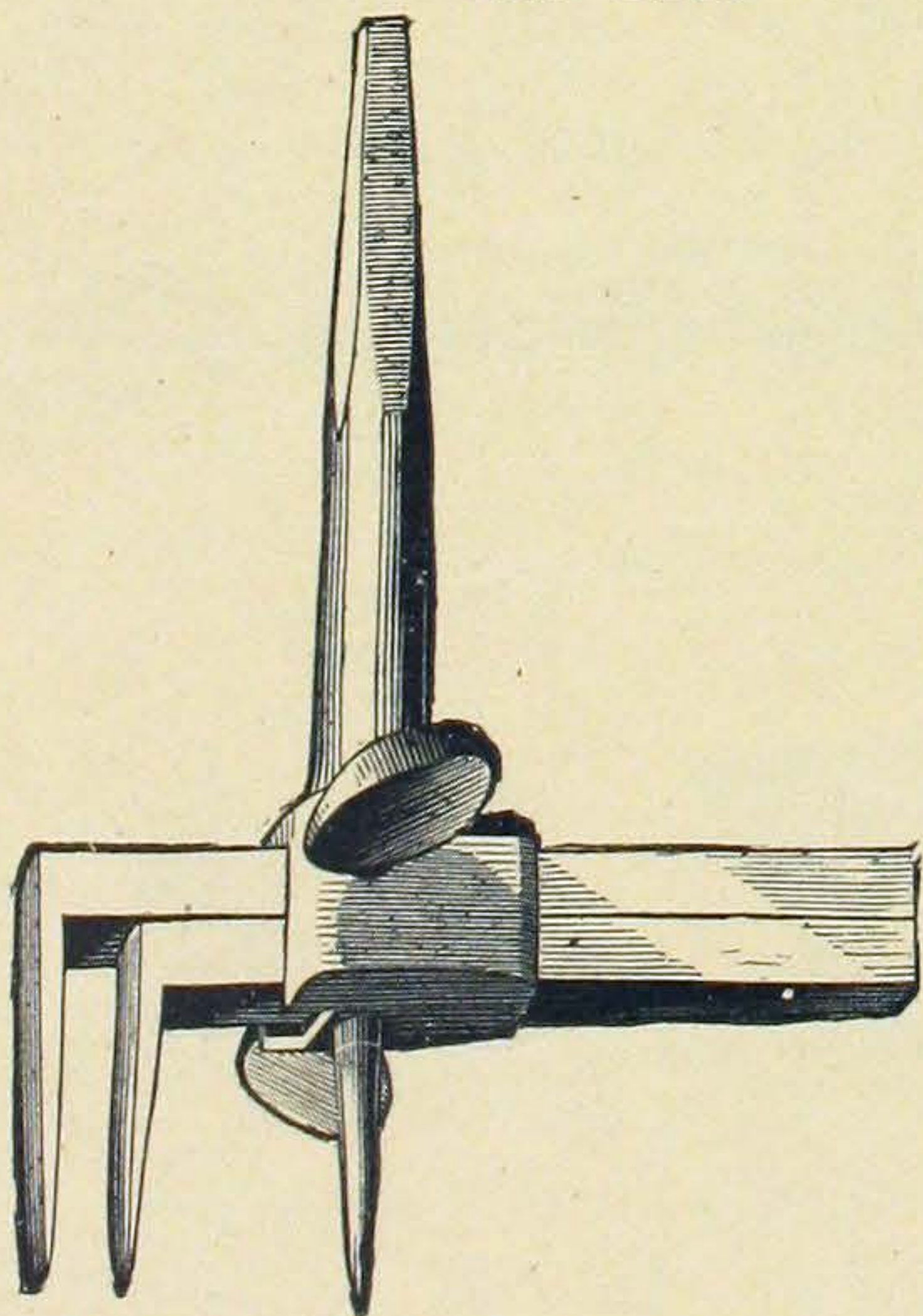
Hammered steel blades.

Polished, rule from $\frac{1}{8}$ to 5 inches, per dozen, \$16.00
Packed one-half dozen in a box.

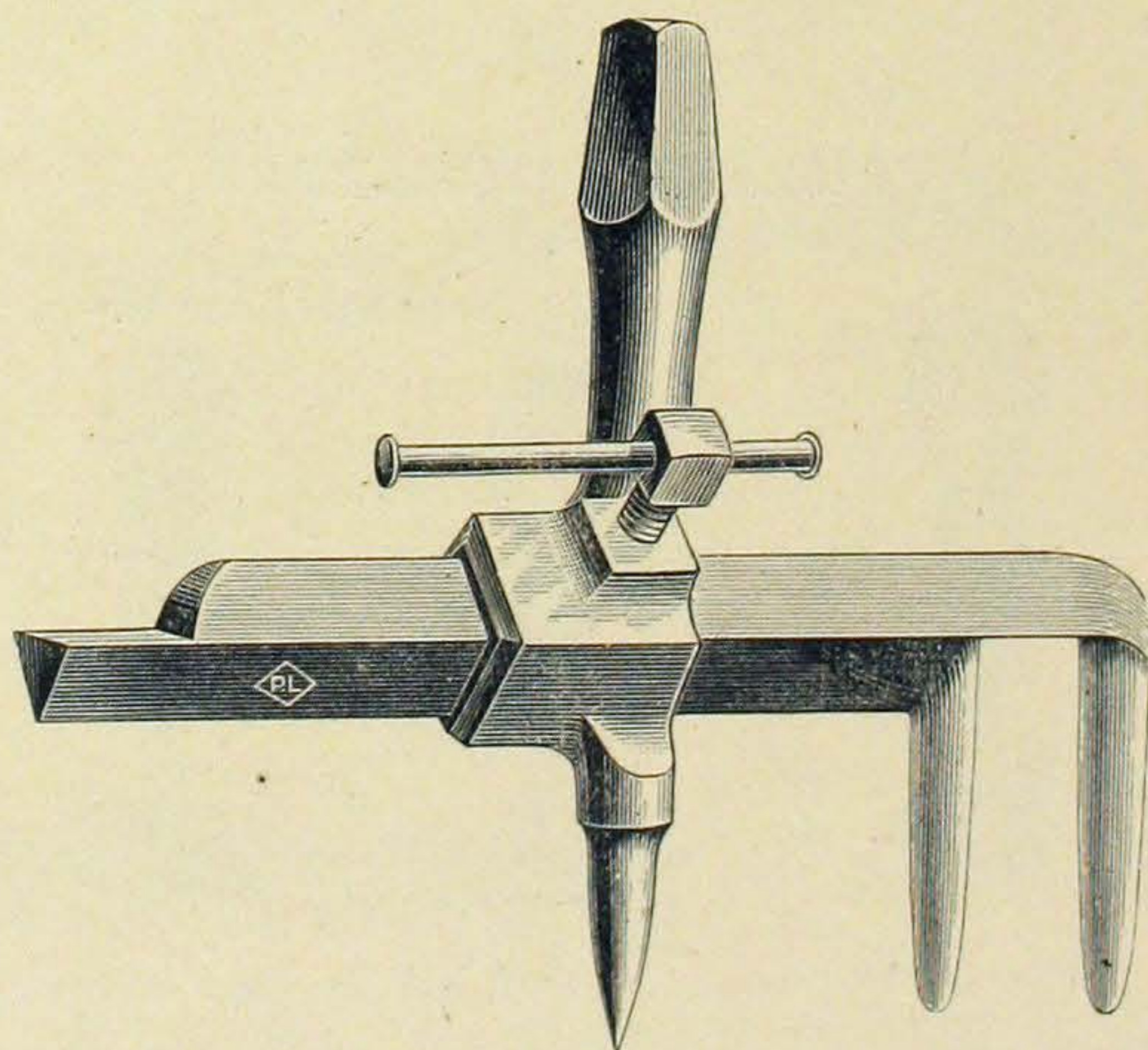
No. 122.

Polished, per dozen, \$15.00
Packed one-half dozen in a box.

No. 124.

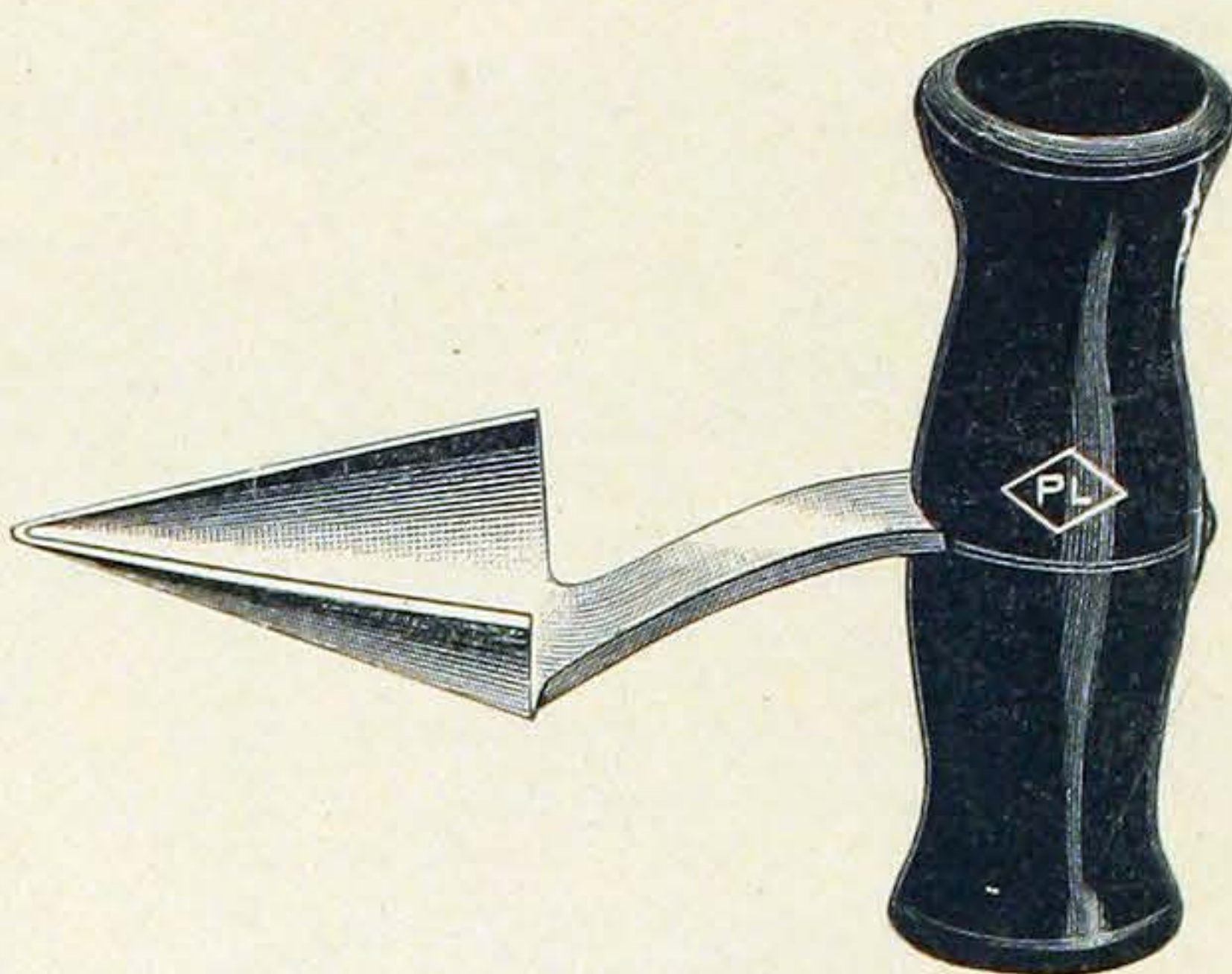
Penny's Pattern, polished, per dozen, \$14.00
Packed one-half dozen in a box.

No. 125.

Per dozen, \$14.00
Packed one-half dozen in a box.

PLUMBERS' TAP BORERS.

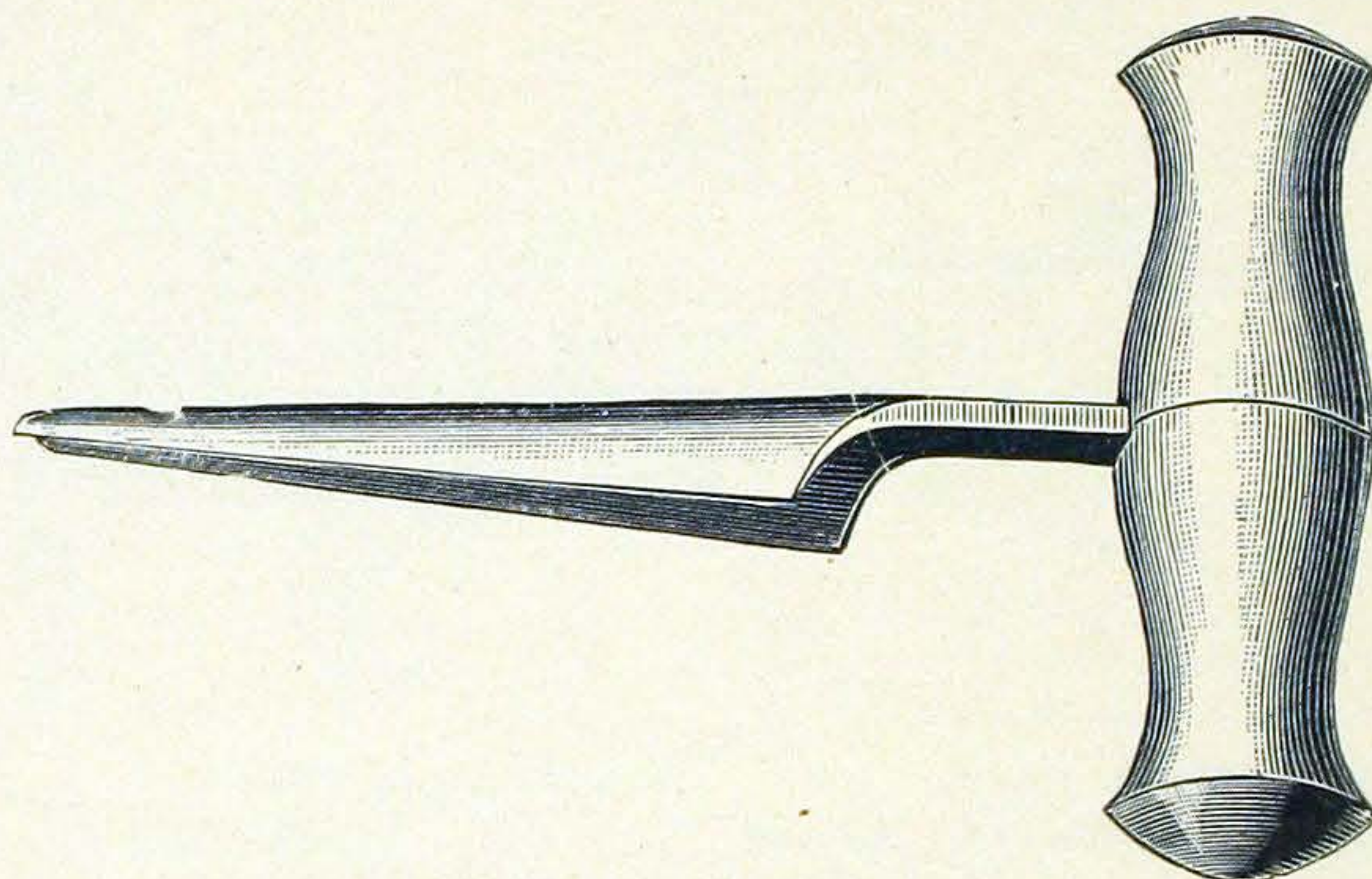
No. 127.



Cast steel, black handle.

No. 1.	New York Pattern, regular,		per dozen, \$4.50
" 2.	" " " extra heavy,		" 6.00
Packed one dozen in a box.			

No. 128.

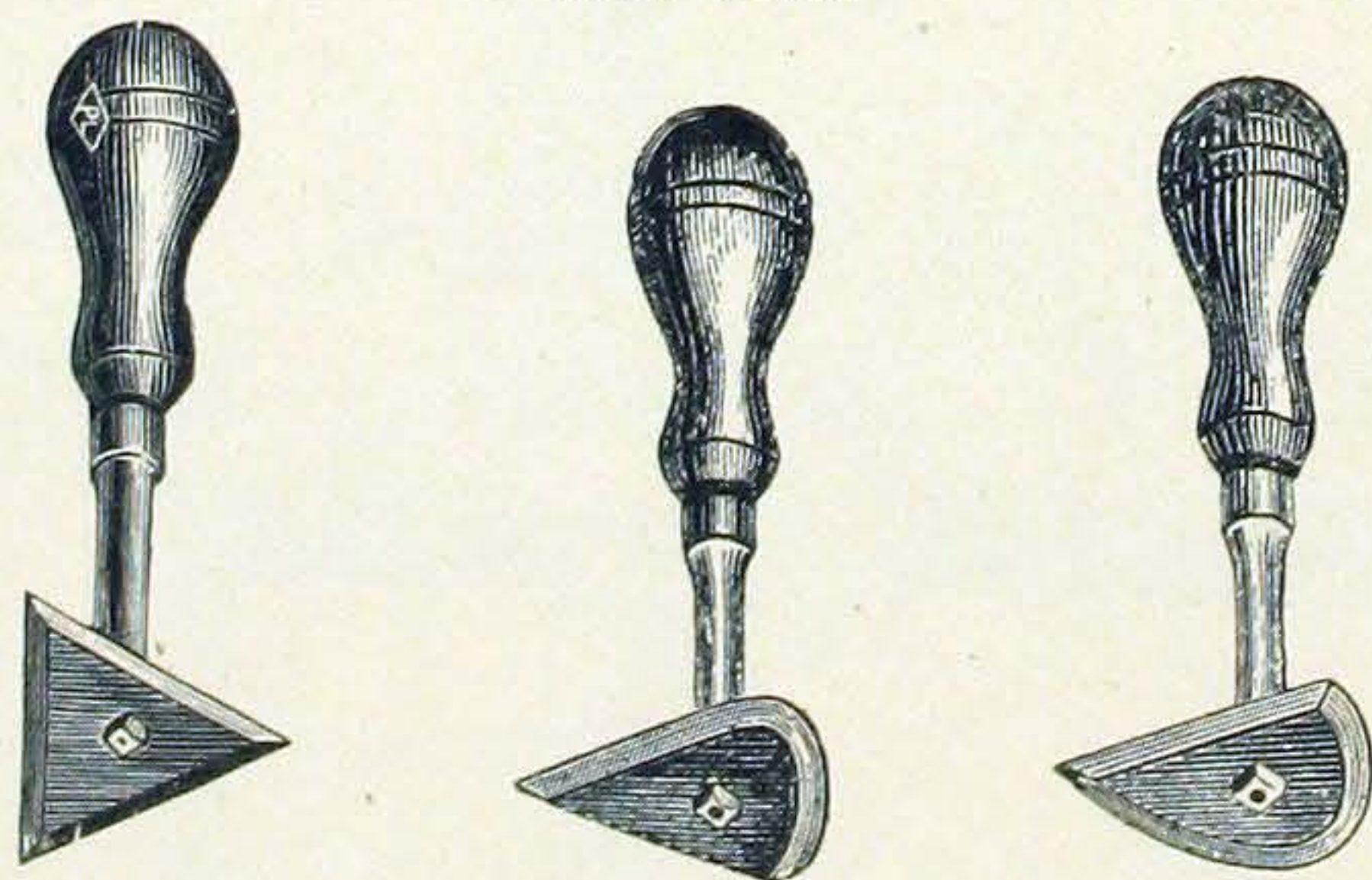


Cast steel, black handles.

Philadelphia pattern,		per dozen, \$6.00
Packed one-half dozen in a box.		

PLUMBERS' SCRAPERS.

No. 129.

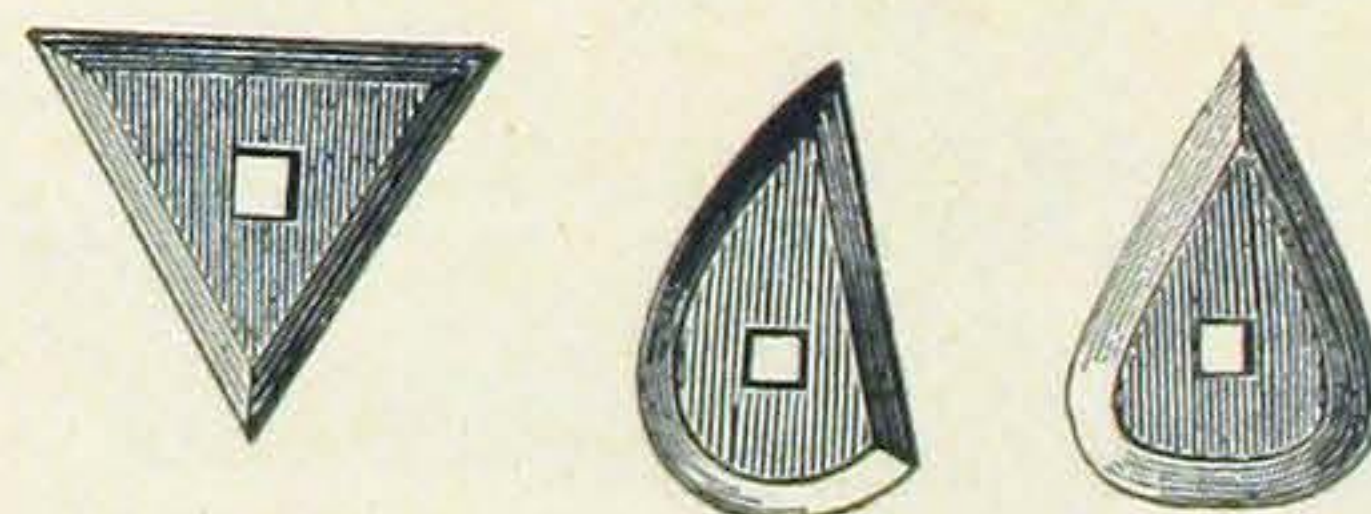


Cast steel, black handles, oval, half oval and triangle.

Per dozen,	\$4.00
Packed one-half dozen in a box.	

PLUMBERS' SCRAPER BLADES.

No. 130.



Triangular. Half Oval. Oval.

Per dozen,	\$2.00
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COLD CHISELS.

No. 131.



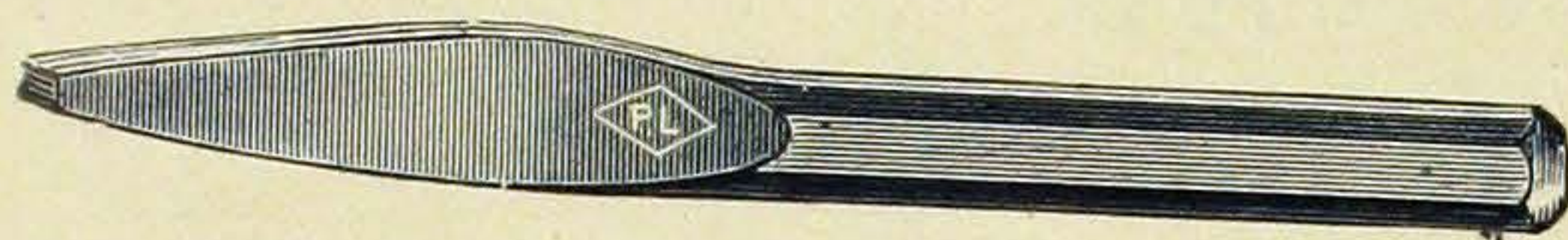
Octagon, $\frac{1}{4}$ to $\frac{1}{2}$ inch,
 " $\frac{5}{8}$ " 1 "

per pound, 45 cents.
 " 35 "

PLUMBERS' CAPE CHISELS.

Octagon.

No. 132.



No. 1. Half Round Nose Chisels.

No. 133.



No. 2. Cape Chisels.

No. 134.



No. 3. Diagonal Nose Chisels.

No. 135.



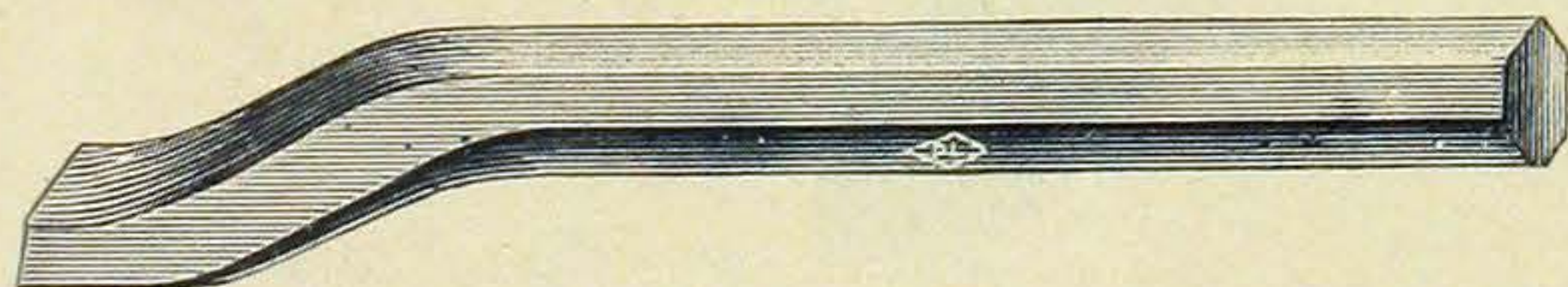
No. 4. Round Nose Chisels.

Nos. 1, 2, 3, 4,

per pound, 35 cents.

PLUMBERS' CAULKING CHISELS.

No. 136.



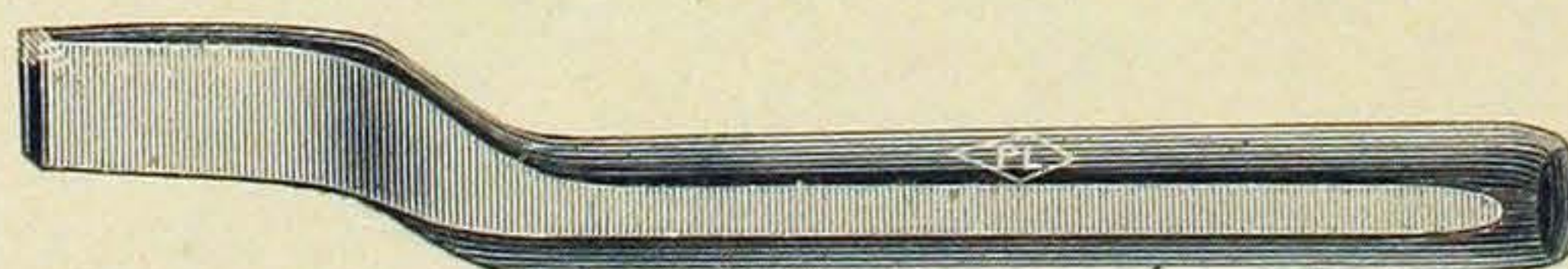
No. 1.

No. 137.



No. 2.

No. 138.

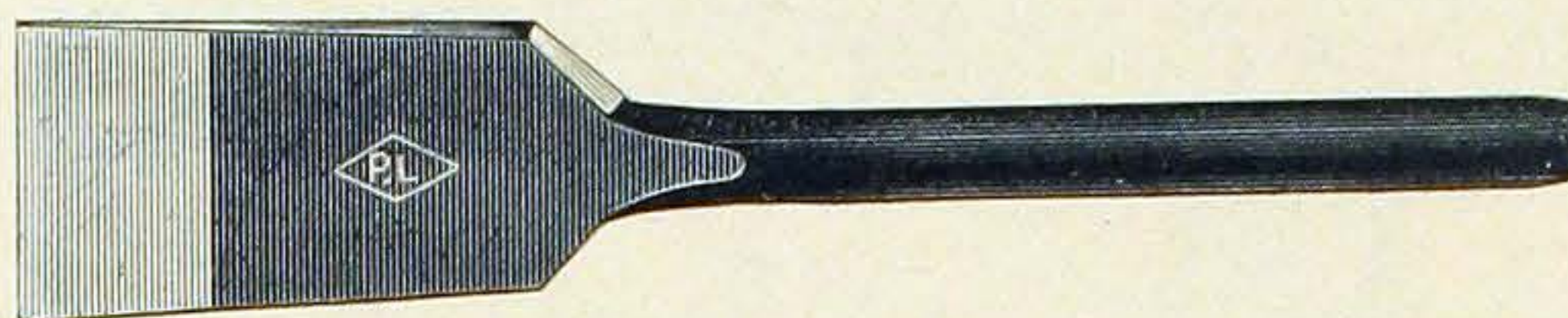


No. 3.

Octagon, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inches,

per pound, 35 cents.

No. 139.



Inches,	2½	3	3½
Steel, short, per dozen,	\$15.00	18.00	21.00
Steel, long, “	18.00	21.00	24.00

No. 144.

No. 2.

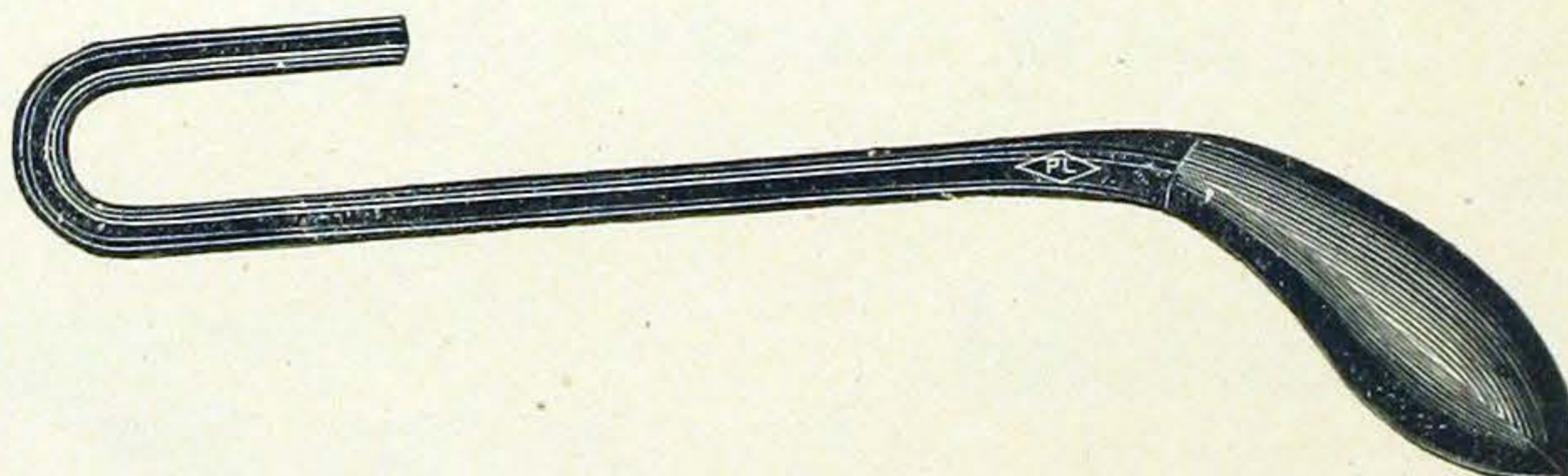


No. 4.



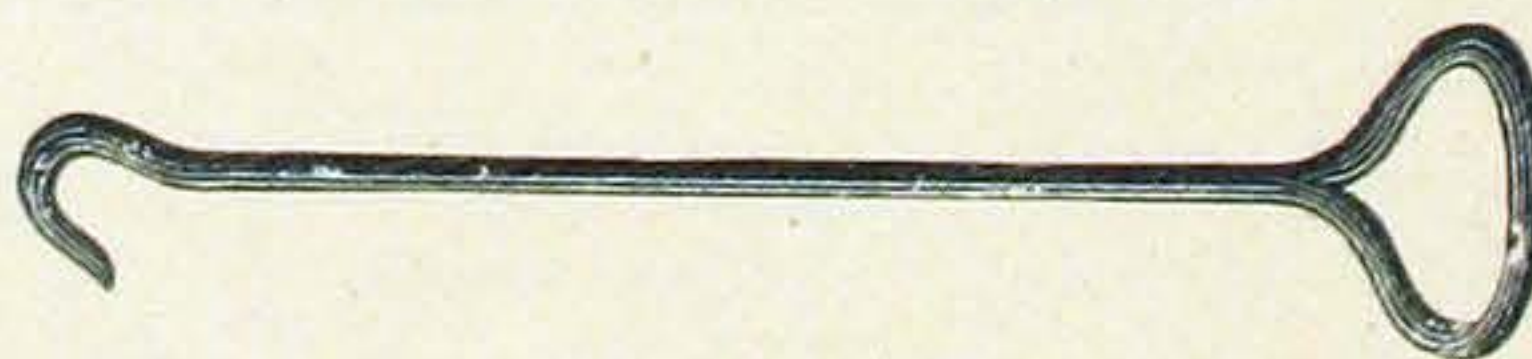
Cast steel, per pound, ⁷	.	.25
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No. 145.



Nos.	1	2	3
Per dozen,	\$6.00	7.40	8.75

No. 146.



Per dozen,	\$1.50
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LADLES.

No. 147.



Warranted steel bowl, double lipped.

Inch,	2½	3	3½	4	5	6
Per dozen,	2.75	3.50	4.00	4.75	6.50	8.00

Extra Heavy Steel Bowl.

No. 148.

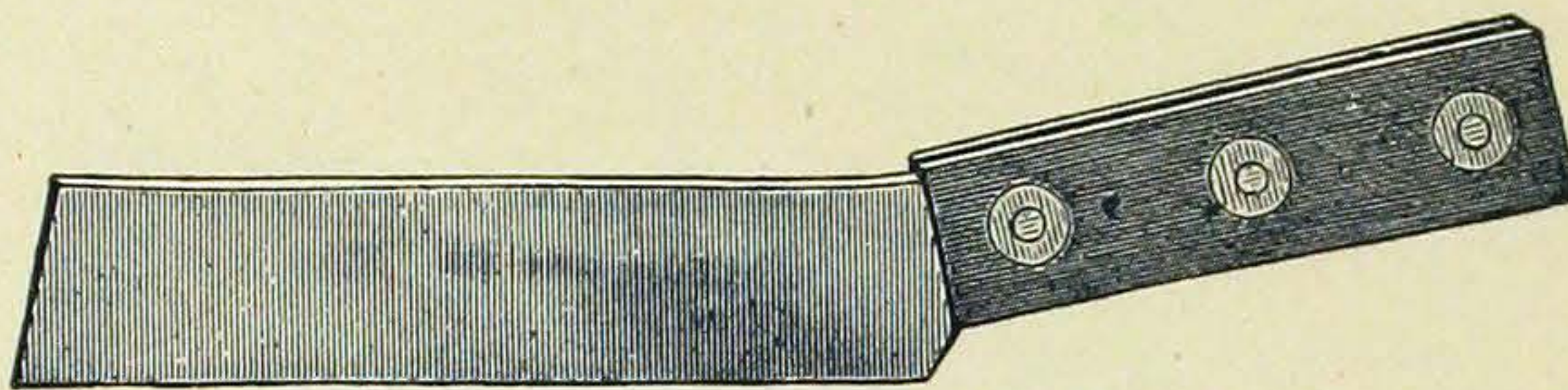
For use in mines and foundries.

6 and 7 made of $\frac{3}{16}$ and balance of $\frac{1}{4}$ inch steel.

Inch,	6	7	8	9	10
Per dozen,	\$10.00	12.00	15.00	20.00	24.00

PLUMBERS' OR HACK KNIVES.

No. 150.



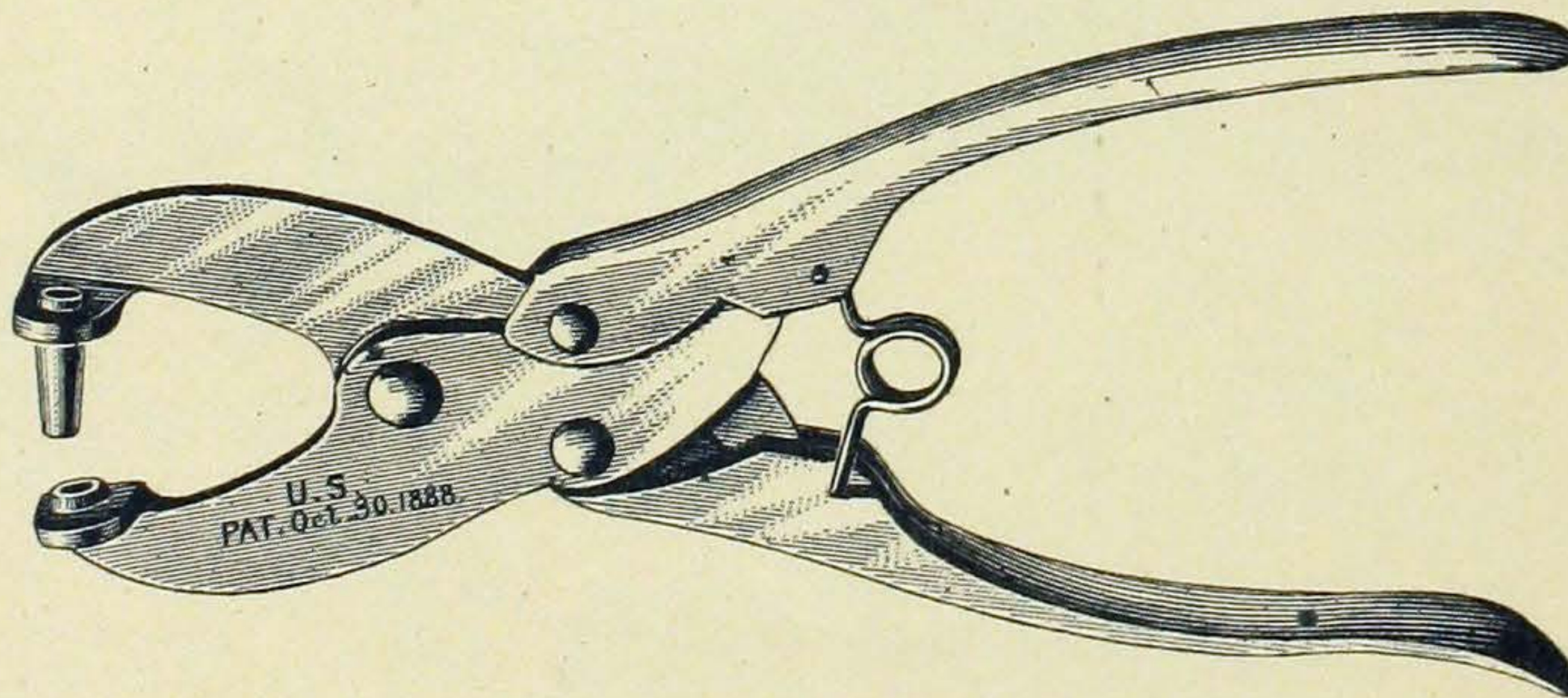
Cast steel, leather handle.

Inch,	4½	5	6
Per dozen,	\$5.00	5.50	6.25

Packed one-half dozen in a box.

"U. S." COMPOUND LEVERAGE SPRING PUNCH.

No. 189.

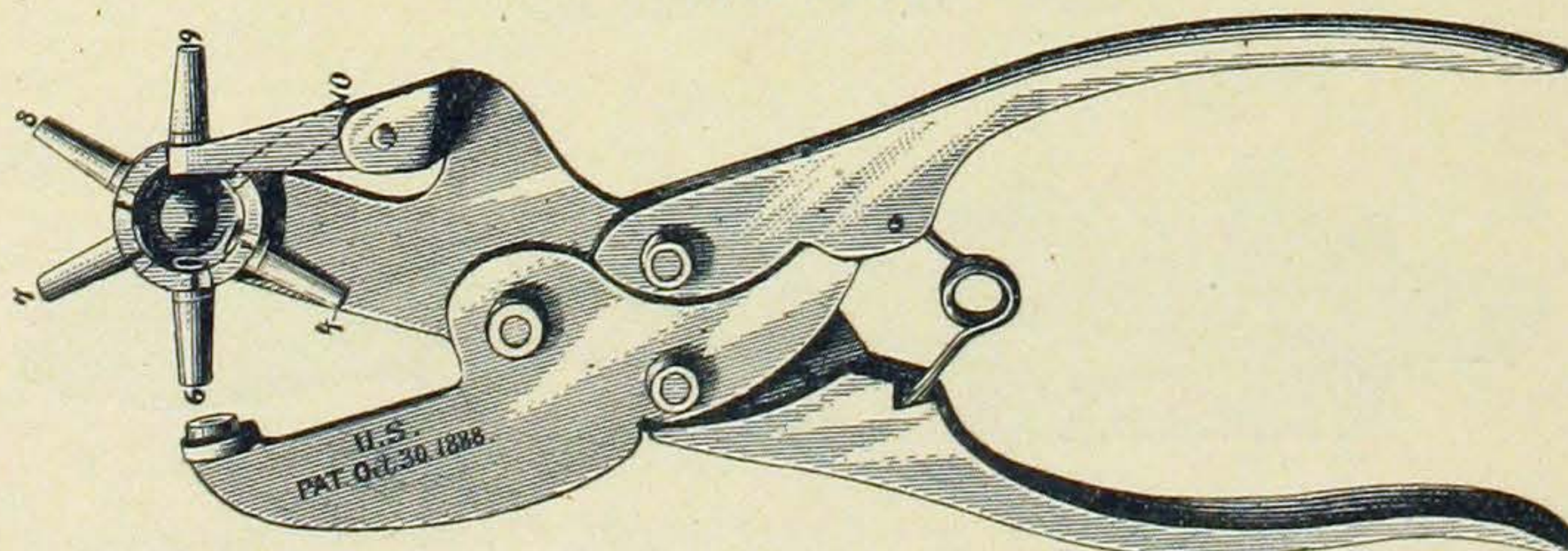


Plain tubes, Nos. 3 to 9,

per dozen, \$6.00

"U. S." COMPOUND LEVERAGE REVOLVING PUNCH.

No. 190.



4 tube, plain tubes,

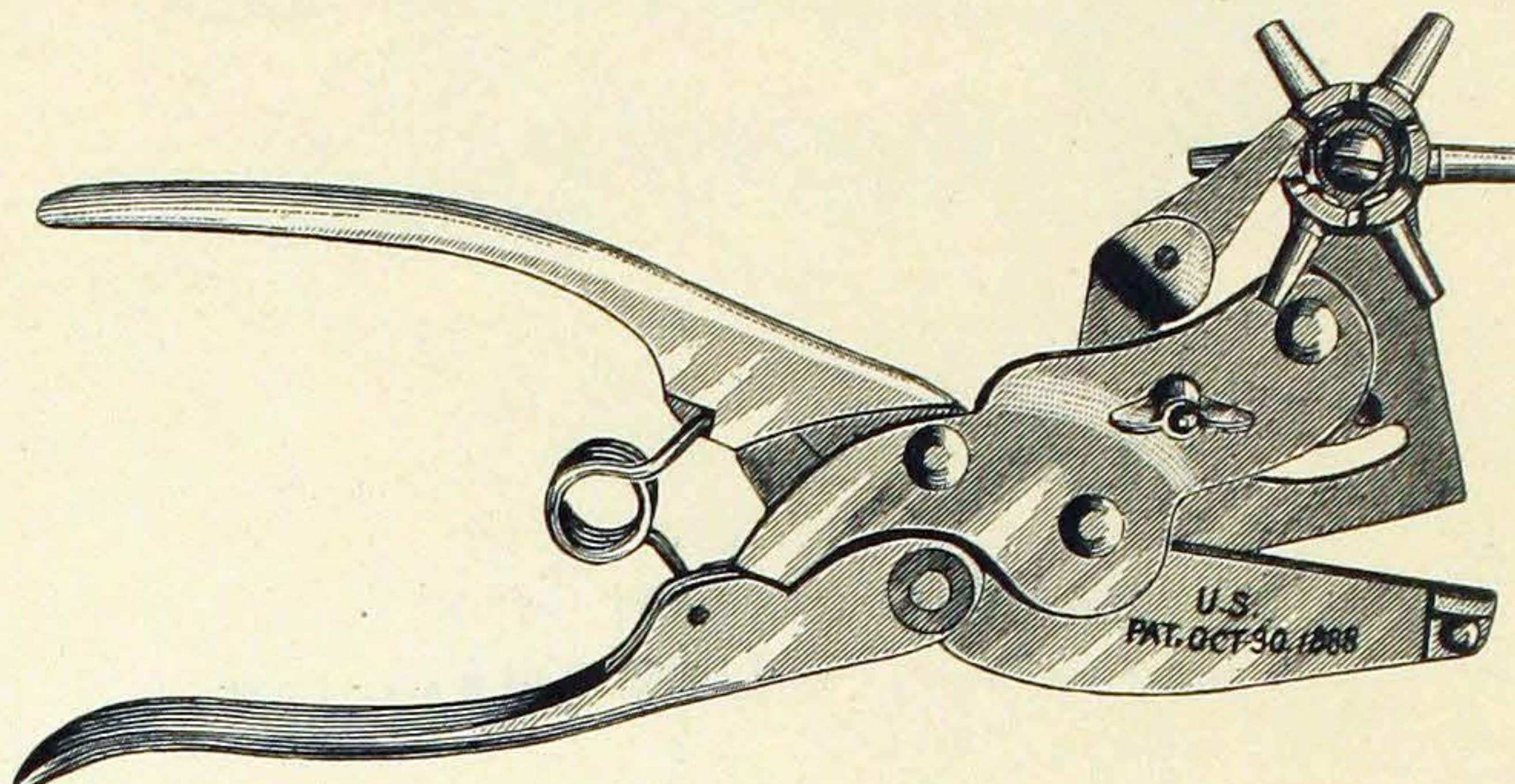
per dozen, \$16.00

6 " " "

" 20.00

"U. S." COMPOUND LEVERAGE REVOLVING PUNCH AND BELT KNIFE.

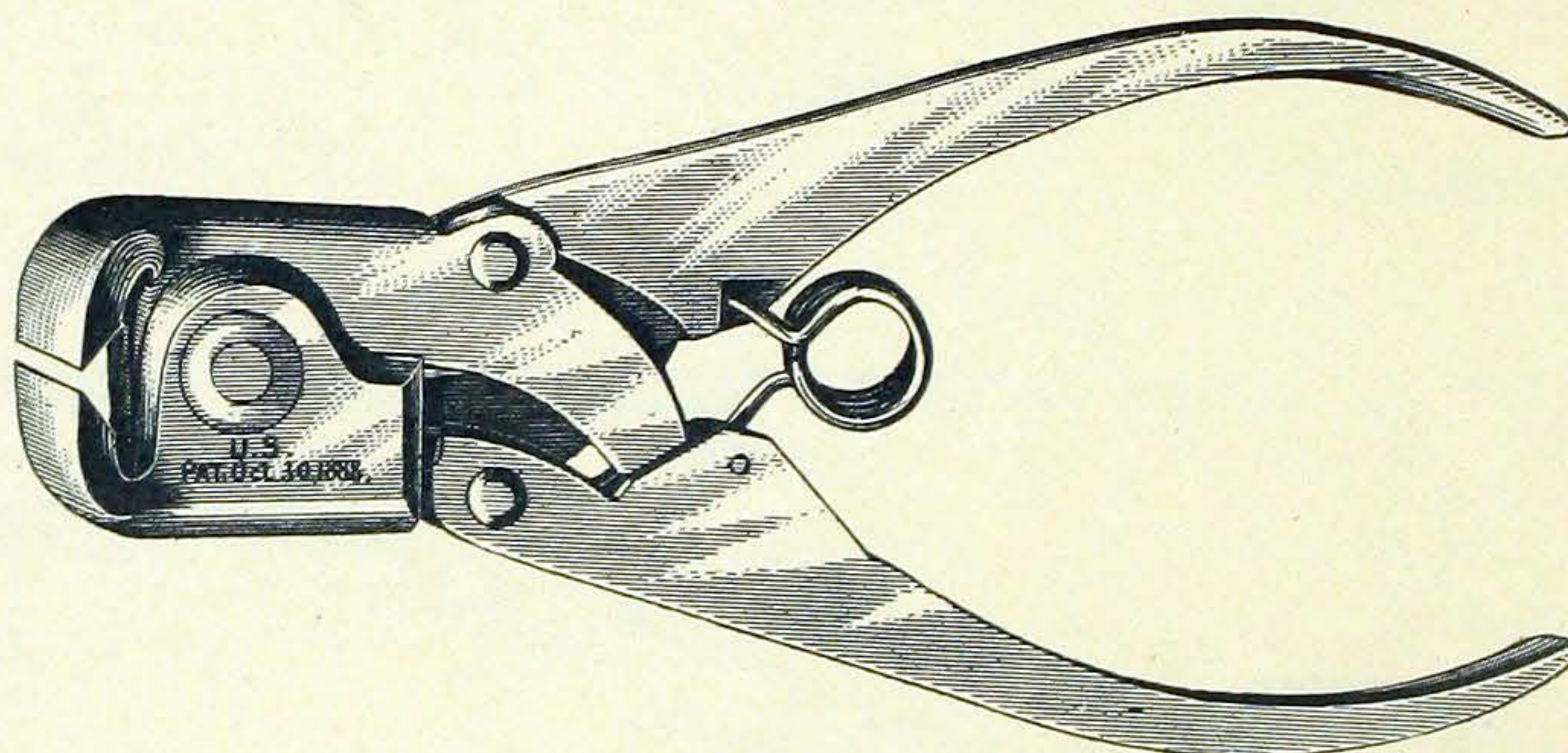
No. 191.



4 tube, plain tubes,	per dozen, \$24.00
6 " " "	" 30.00

"U. S." INTERCHANGEABLE NIPPERS.

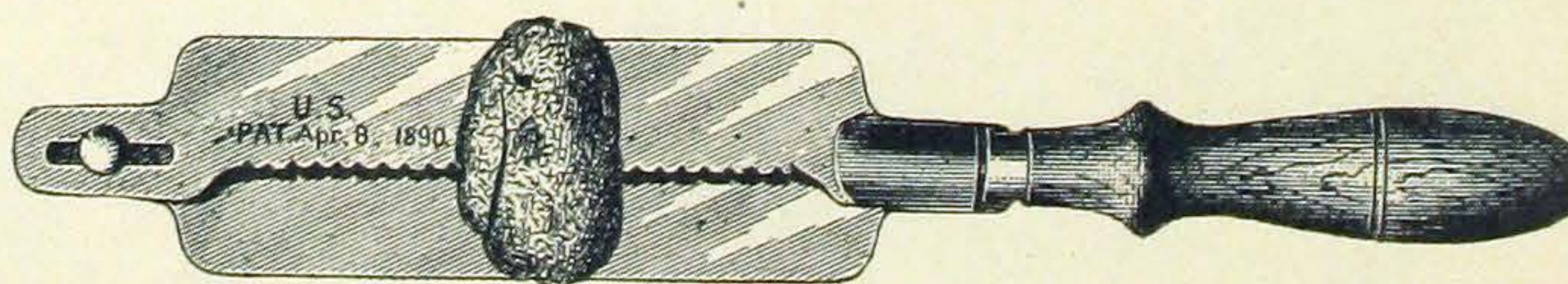
No. 192.



5 inch,	per dozen, \$13.50
7 "	" 21.00
8 "	" 30.00
Extra jaws for 5 inch,	" 3.35
" " 7 "	" 5.00
" " 8 "	" 6.50

THE "U. S." SLICER.

No. 195.



The only adjustable Slicer made. Two knives in one. Best knife ever invented for all kinds of vegetables and fruit.

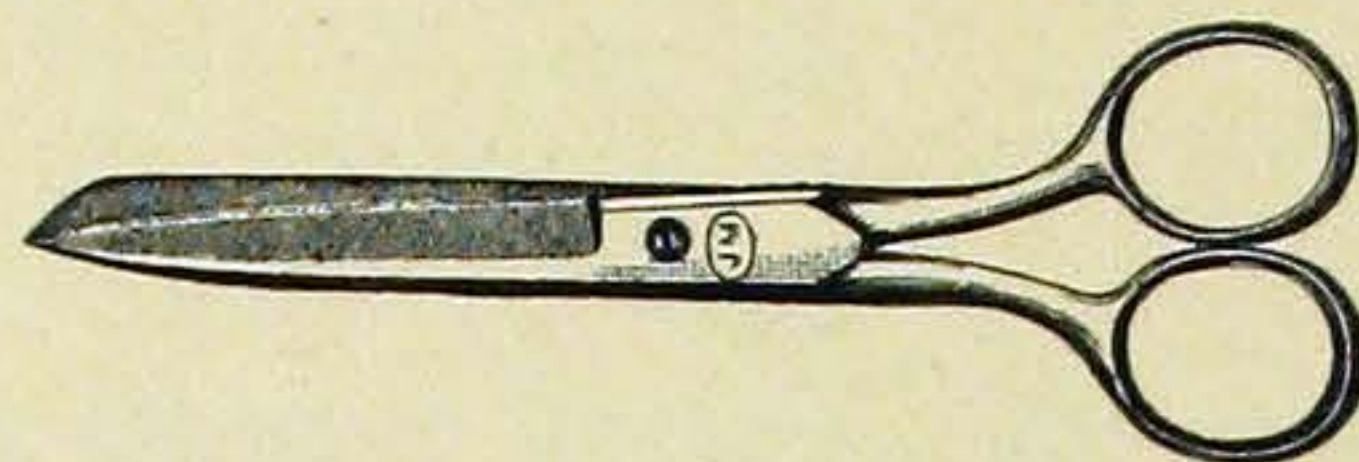
Per dozen,	\$6.00
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AGENTS FOR

MALLINSON & CO.'S

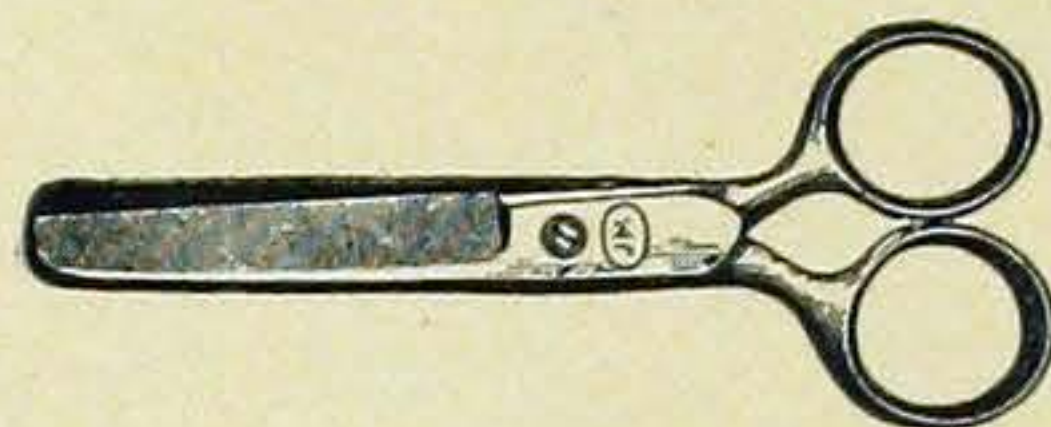
Nickel Plated Shears, Trimmers and Scissors.

Nickel Plated Ladies' Scissors.



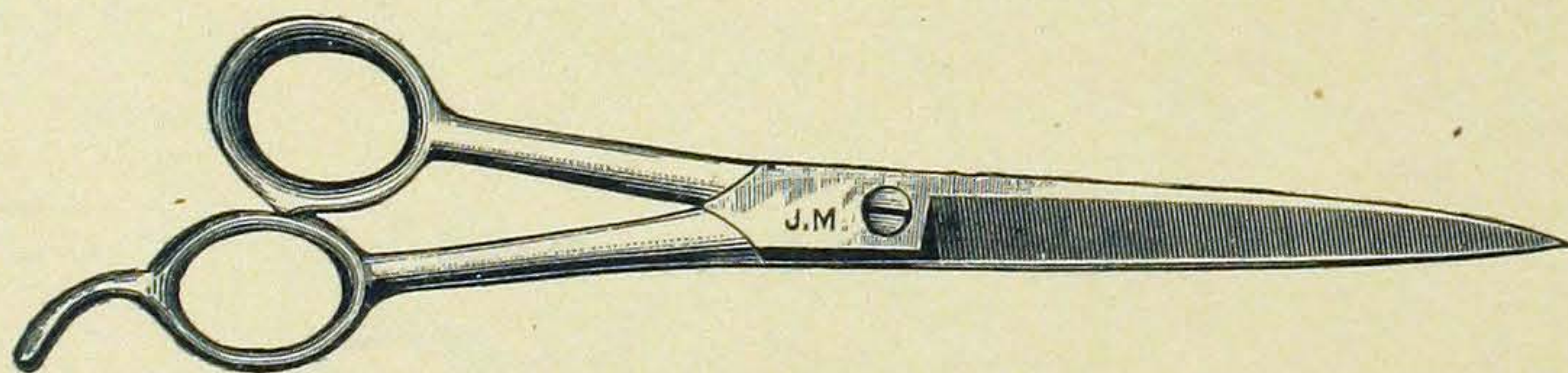
No. 0, Length 5 inches,		per dozen, \$10.00
" 1, " 5½ "		" 10.50
" 2, " 6 "		" 11.00
" 3, " 6½ "		" 12.00

Nickel Plated Pocket Scissors.



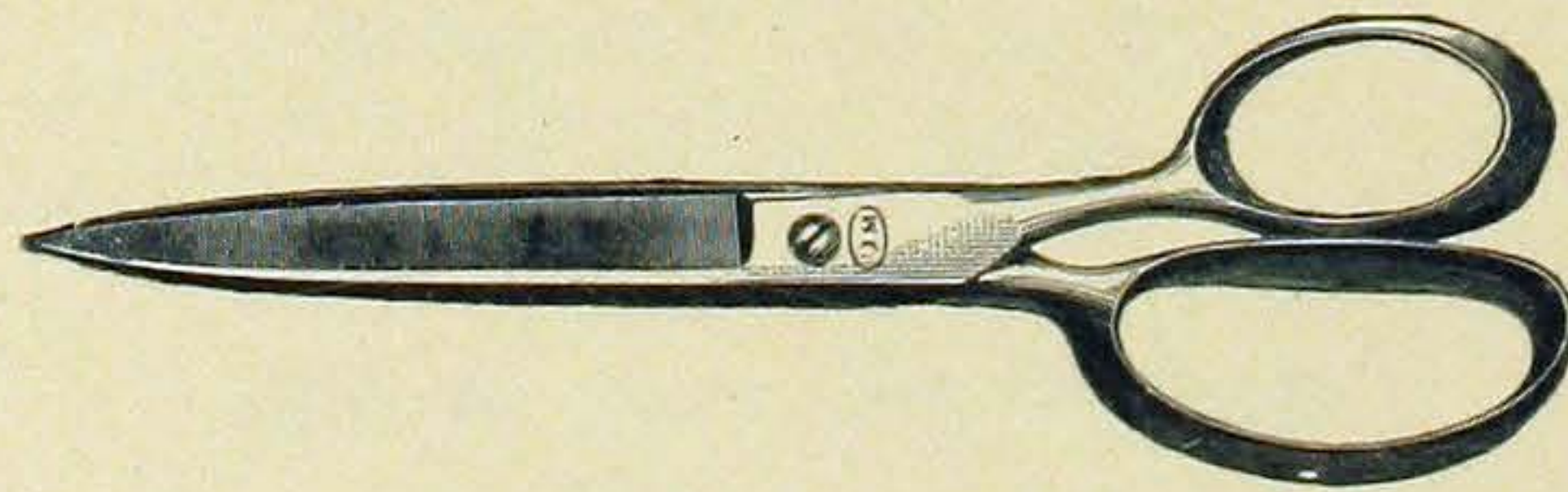
No. 0, Length 4 inches,		per dozen, \$10.00
" 1, " 4½ "		" 10.50
" 2, " 5 "		" 11.00

Nickel Plated Barbers' Shears, Lipped.



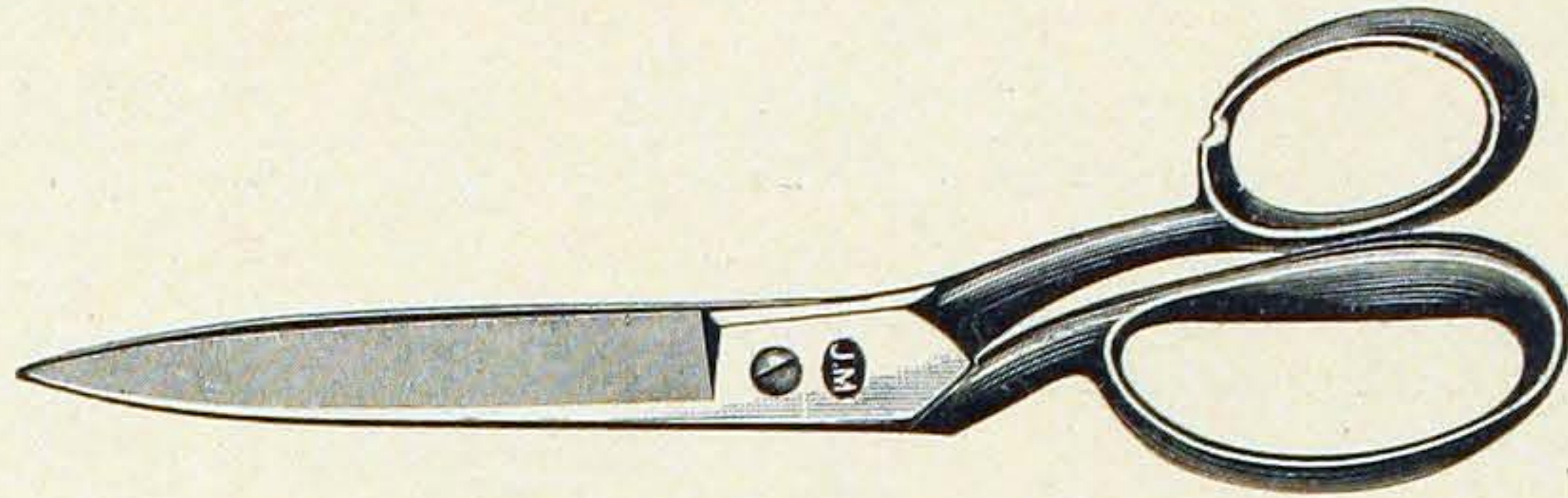
No. 0, Length 8 inches,		per dozen, \$16.00
" 1, " 8½ "		" 17.00
" 2, " 9 "		" 18.00
" 3, " 9½ "		" 20.00

Nickel Plated Straight Trimmers.



No. 1, Length 6 inches,		per dozen, \$12.00
" 2, " 6½ "		" 13.00
" 3, " 7 "		" 14.00
" 4, " 7½ "		" 15.00
" 5, " 8 "		" 16.00
" 6, " 8½ "		" 17.00
" 7, " 9 "		" 19.00
" 8, " 10 "		" 25.00
" 9, " 11 "		" 30.00
" 10, " 12 "		" 33.00

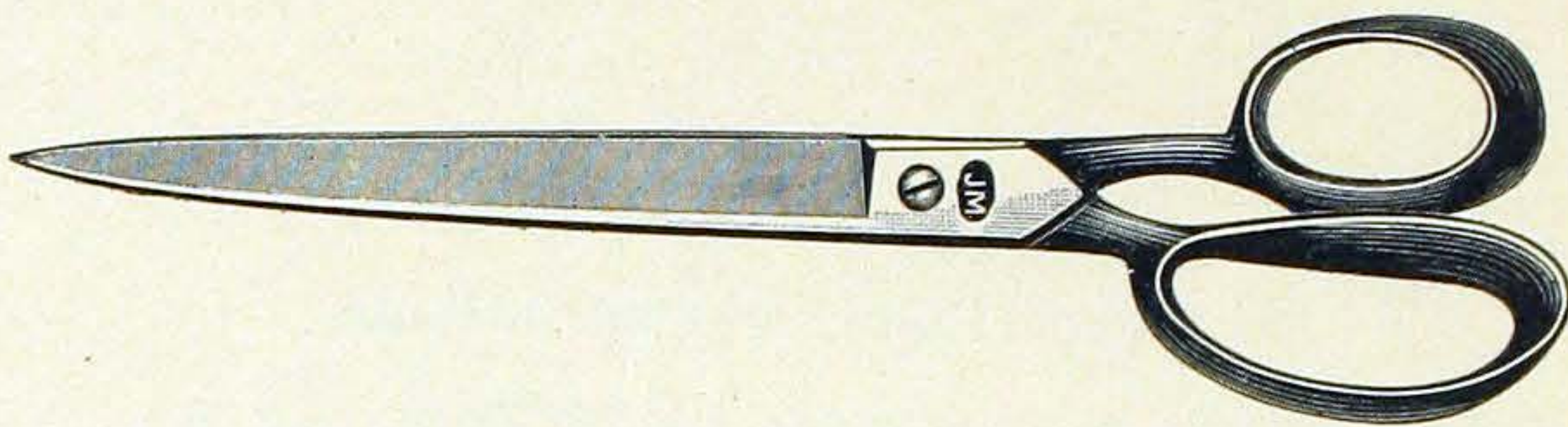
Nickel Plated Bent Trimmers.



No. 0,	Length,	8 inches,
" 1,	"	8½ "
" 2,	"	9 "
" 3,	"	10 "
" 4,	"	11 "
" 5,	"	12 "

per dozen,	\$17.00
"	20.00
"	22.00
"	27.00
"	30.00
"	33.00

Nickel Plated Bankers' or Paper Shears.



No. 1,	Length,	9 inches,
" 2,	"	10 "
" 3,	"	11 "
" 4,	"	12 "
" 5,	"	13 "
" 6,	"	14 "

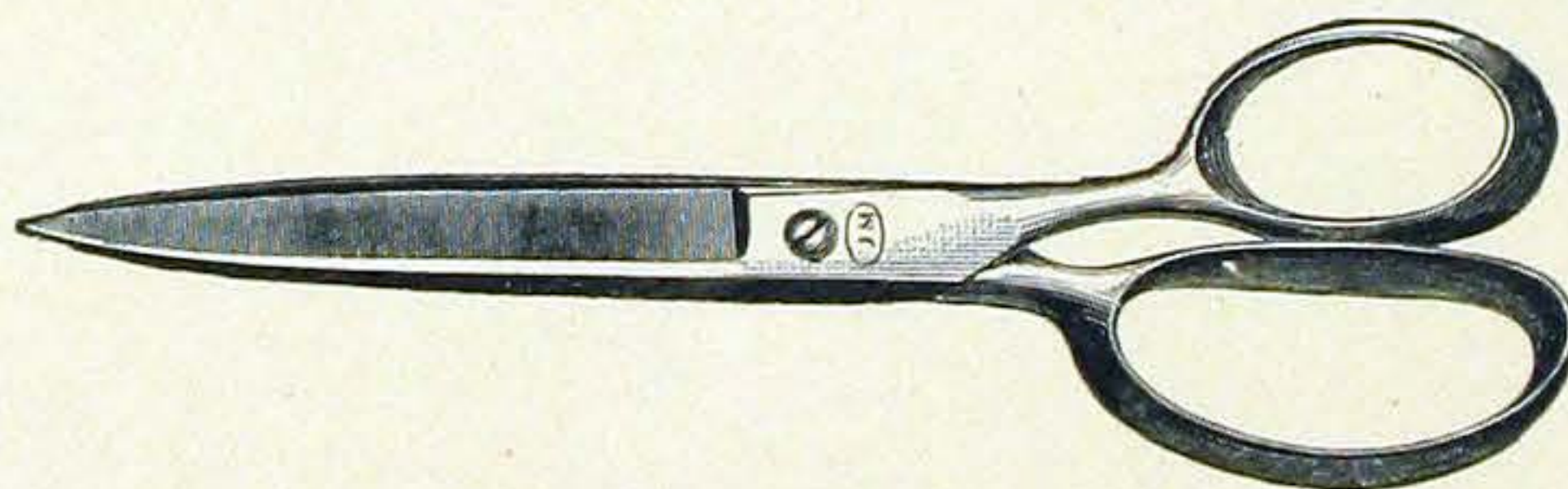
per dozen,	\$18.00
"	25.00
"	27.00
"	32.00
"	36.00
"	42.00

Nickel Plated Housatonic Shears.

No. 1,	Length,	6 inches,
" 2,	"	7 "
" 3,	"	8 "
" 4,	"	9 "

per gross,	\$15.00
"	18.00
"	21.00
"	24.00

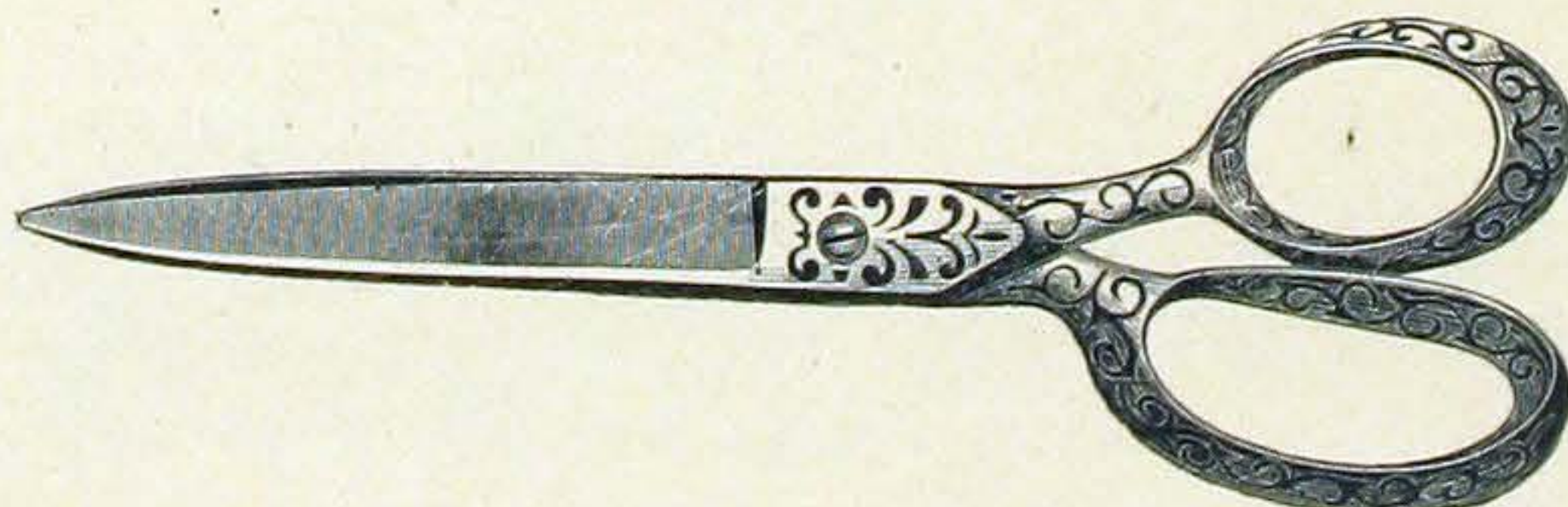
Nickel Plated Empire Shears.



No. 1,	Length,	6 inches,
" 2,	"	7 "
" 3,	"	8 "
" 4,	"	9 "
" 5,	"	10 "

per dozen,	\$12.00
"	14.00
"	16.00
"	19.00
"	25.00

Victoria Shears, Fancy Handles.



No. 1,	Length,	6 inches,
" 2,	"	7 "
" 3,	"	8 "
" 4,	"	9 "

per gross,	\$15.00
"	18.00
"	21.00
"	24.00

Ladies' Scissors.

[illegible][illegible][illegible][illegible][illegible]

No. 1, Length 9 inches,	per dozen, \$18.00
" 2, " 10 "	" 25.00
" 3, " 11 "	" 27.00
" 4, " 12 "	" 32.00
" 5, " 13 "	" 36.00
" 6, " 14 "	" 42.00

[illegible]

8 inches long with screw,	per dozen, \$10.00
8 " " " bolt and nut,	" 12.00

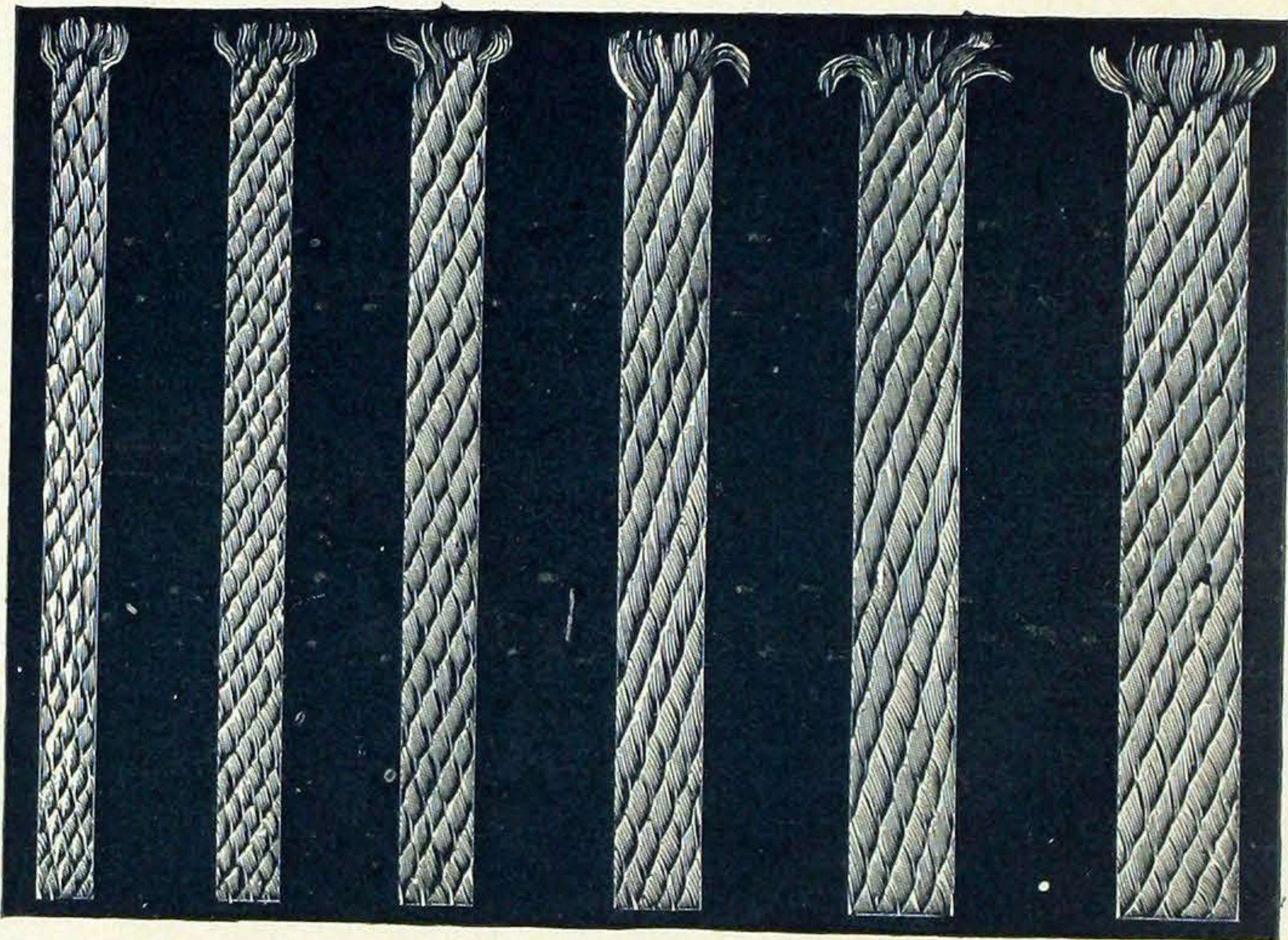
[illegible]

AGENTS FOR

UNITED STATES CORD COMPANY.



Your attention is respectfully called to the United States Cord Company's solid braided cords, made on its own patented machinery. In their braid each strand crosses the center and appears three times upon the surface to every inch of the cord. This assures a solid braid. The cord does not ravel when one or more of the strands are cut. The strain upon the cord is equal on every strand. The style of braid tends to lay the strands parallel to each other and to the length of the cord. This warrants greater strength. They braid fifteen, twenty-one and twenty-seven strands, and include all sizes of sash cords and the smaller lines.



Numbers,	6	7	8	9	10	12
Size,	$\frac{6}{32}$	$\frac{7}{32}$	$\frac{8}{32}$	$\frac{9}{32}$	$\frac{10}{32}$	$\frac{12}{32}$ inches.
Length per pound,	70	60	50	40	30	20 feet.
Average wt. per doz.,	19	20	24	27	40	60 lbs.

PRICES.

A	quality,	Braided white cotton Sash Cord, all numbers,					per pound, \$0.50
A	"	"	drab	"	"	"	.55
A	"	"	Italian hemp	"	"	"	.50
A	"	"	Linen	"	"	"	.60
C	"	"	white cotton	"	"	"	.50

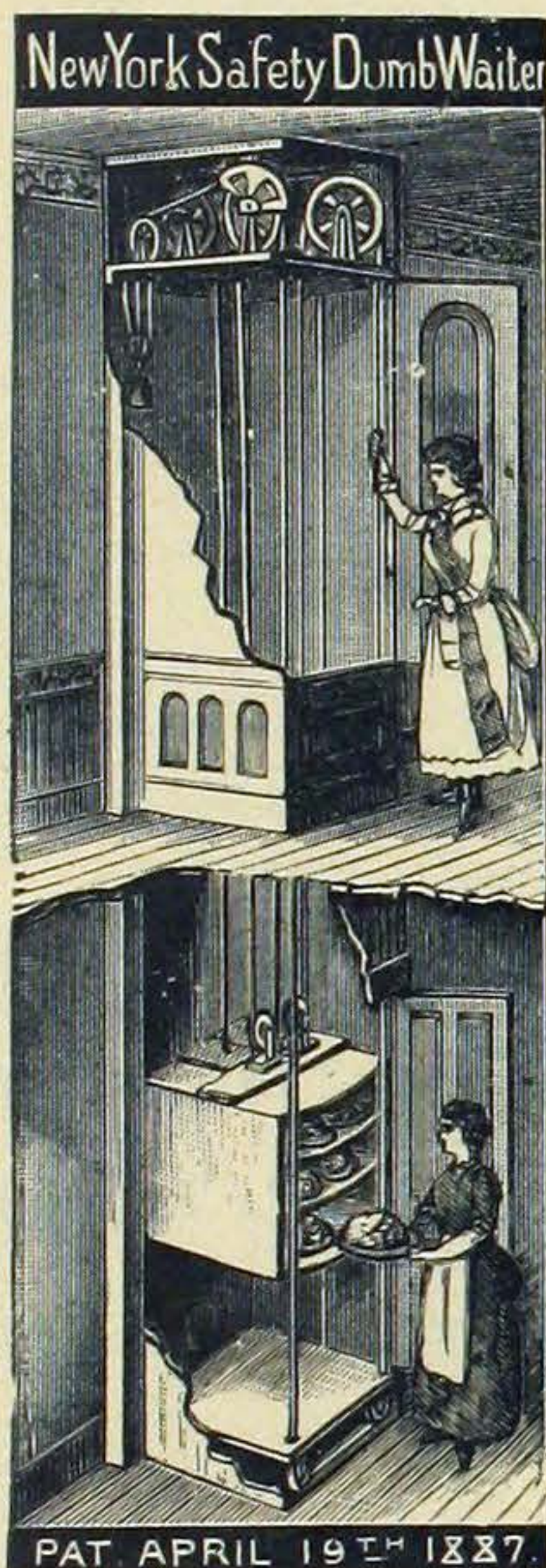
Packed in hanks of 100 feet each, one dozen in a package, six dozen in a case.

Fancy colored cords and special sizes, made to order.

AGENTS FOR
THE STORM MANUFACTURING CO.,

MANUFACTURERS OF

Dumb Waiters and Elevators.



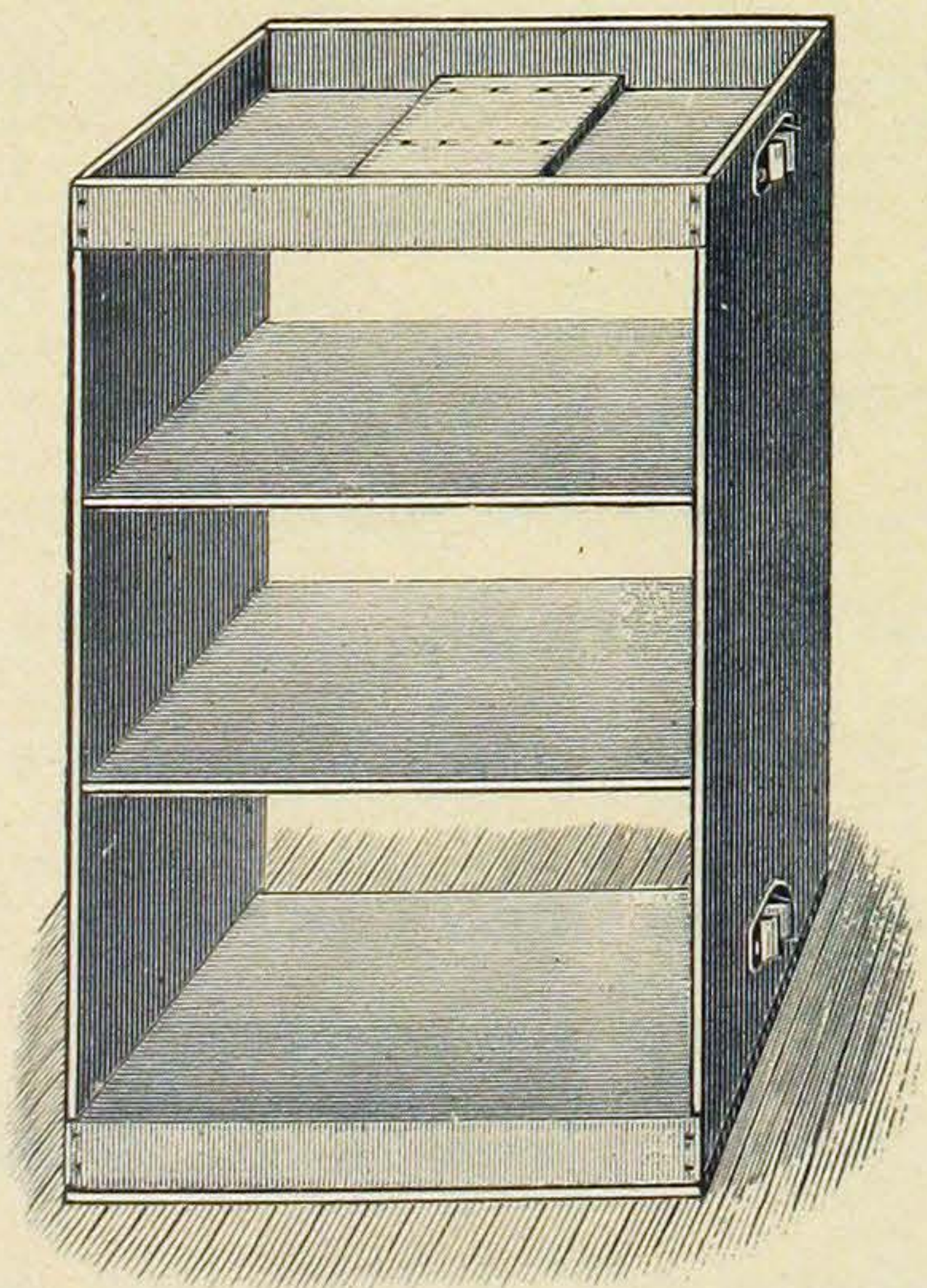
Patented in Canada,
May 18th, 1887.
Patented in Great Britain,
June 17th, 1887.

NEW YORK SAFETY DUMB WAITER.

The simplest, most durable and economical Waiter ever made. Lifts easily fifty to seventy-five pounds. Made in one size only, and will fit any size opening under twenty-four inches square.

Price of Fixtures alone, per set, \$15.00

Packed one set in a case.

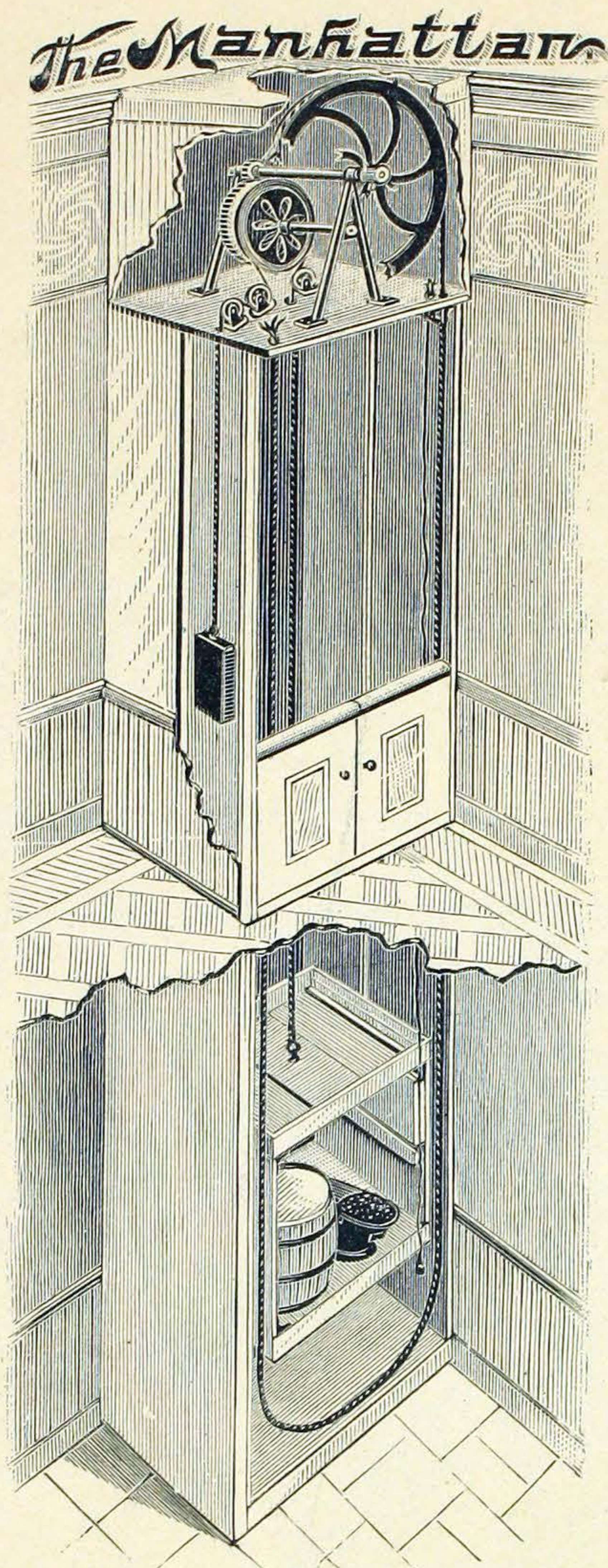


Car No. 1.

For use with the New York Safety Fixtures, is built of white-wood, with two stationary shelves. Made any size from 16 inches square to 2 feet square, usual height 30 inches.

New York Safety Dumb Waiter fixtures, complete with No. 1 car, all ropes, weight runs, guide runs, and counter-weight ready to erect for first ten feet in height, \$40.00. Each additional foot in height, 40 cts.

MANHATTAN DUMB WAITER.



PATENT APPLIED FOR.

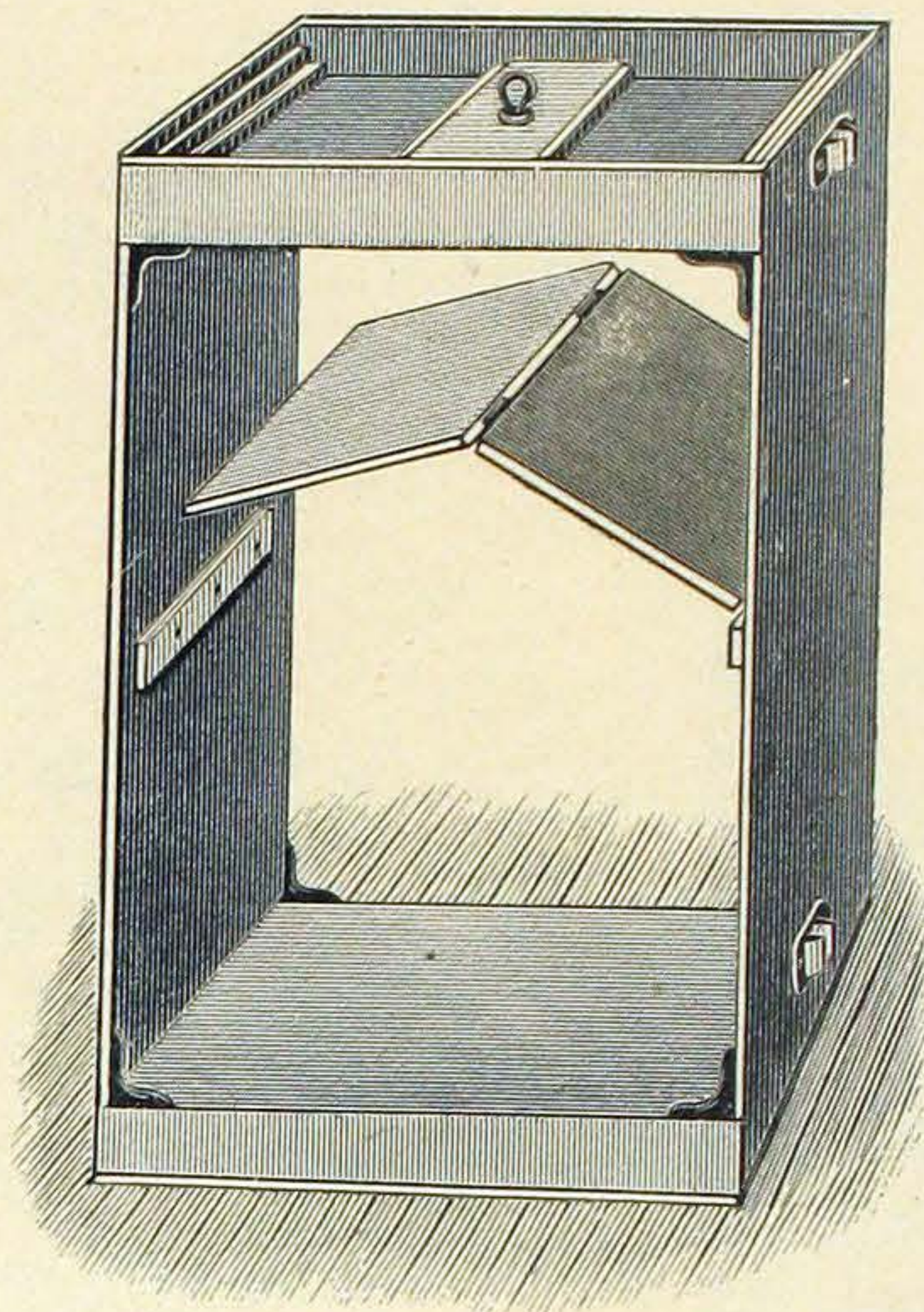
This fixture has a capacity of 200 lbs. and is especially intended for use in places where the New York Safety is not heavy enough.

We make the hoist wheels in three sizes, 20 in., 24 in., and 30 in.

We also make this as a double faced fixture, with hoist wheels on both ends of the shaft, so that it can be operated from either side on any floor.

Price, Fixtures Alone.

Single face,	per set, \$25.00
Double “	“ 29.00



Car No. 2.—For use with the Manhattan Dumb Waiter Fixtures. Is built of Ash with one shelf, hinged to fold back so as to admit of carrying a barrel of flour, etc. We build this car without a back when intended for use with double faced fixtures.

Made any size from 20 inches square to 3 feet square, usual height, 36 inches.

Manhattan Dumb Waiter Fixtures, Single Face, with

No. 2 car, counterweight, guide runs, weight runs

and all ropes, for first ten feet in height, . . . \$60.00

For each additional foot in height,50

Manhattan Dumb Waiter Fixtures, Double Face, with

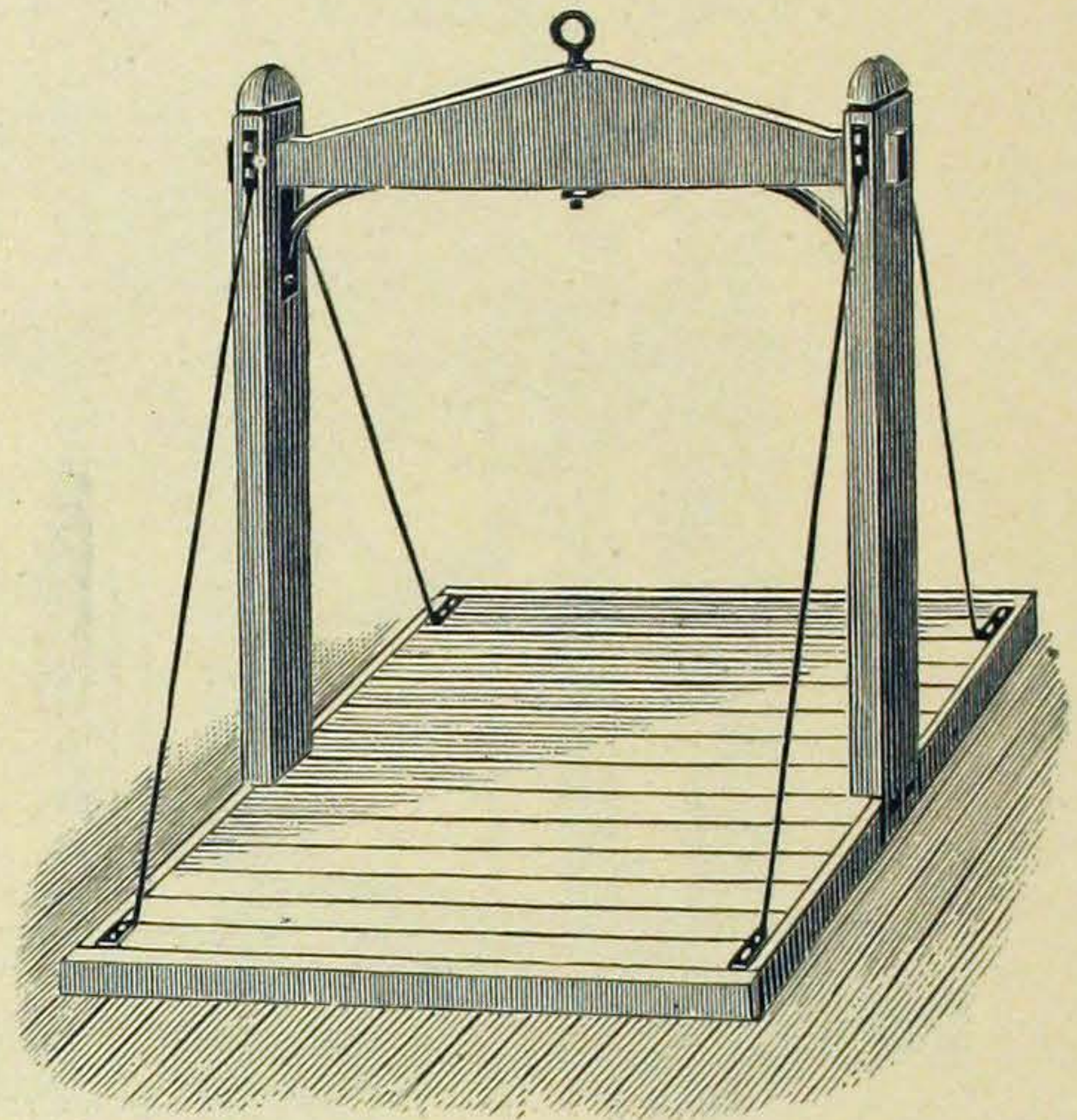
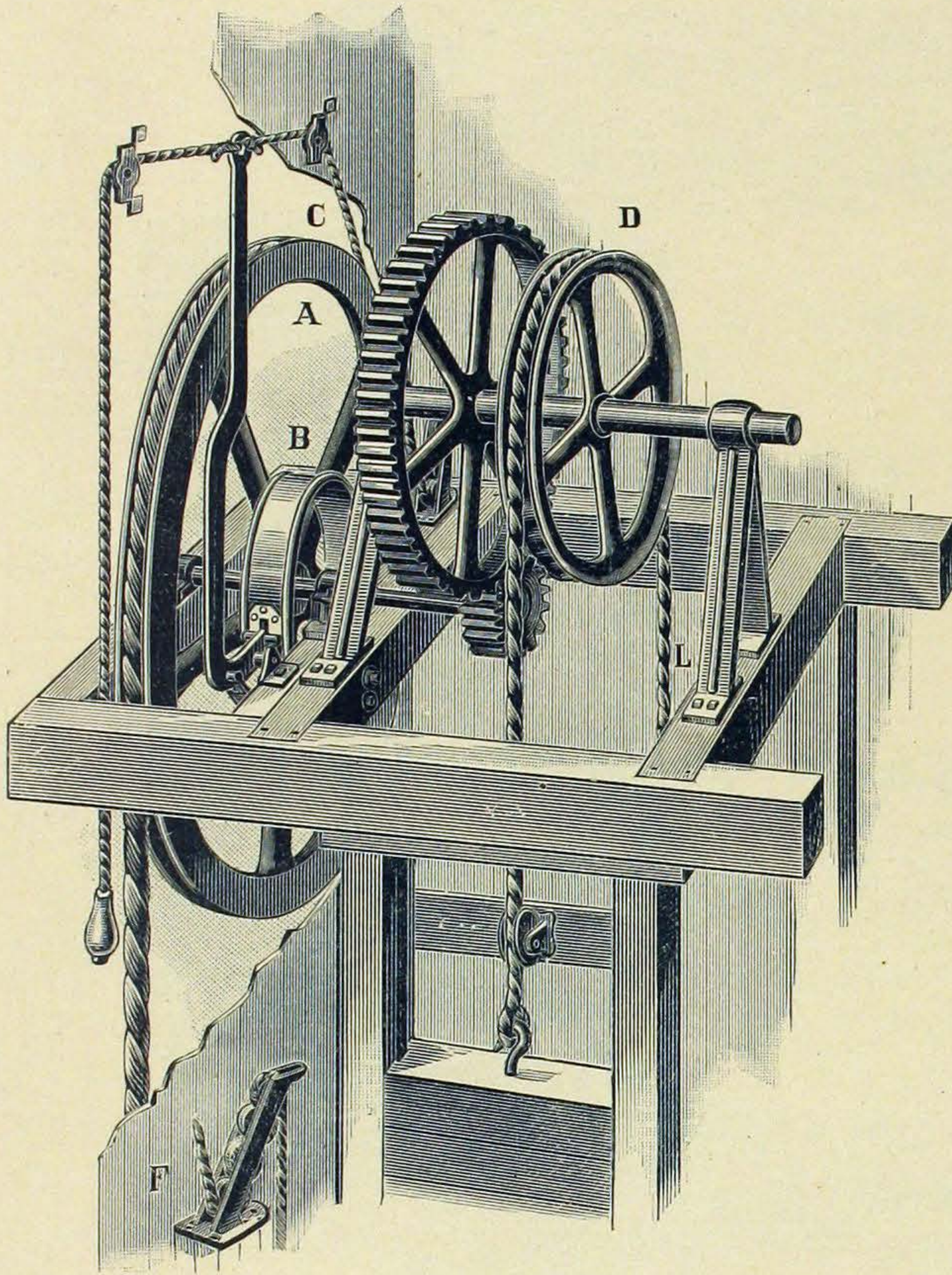
No. 2 car, counterweight, guide runs, weight runs

and all ropes, for first ten feet in height, . . . \$66.00

For each additional foot in height,50

THE IMPROVED HUMPHREY HAND ELEVATOR.

Patented August 19th, 1890.



Car No. 3. For use with the Improved Humphrey Hand Elevator. Built of hardwood and thoroughly ironed. Made any size from two feet square to 5 feet square, and any desired height.

These machines are made in two sizes, 500 lbs. and 750 lbs. capacity. The 500 lbs. capacity has 30 inch or 36 inch hoist wheel ; the 750 lbs. capacity has 42 inch or 48 inch hoist wheel.

Price of fixtures alone, adjusted to top frame (500 lb. size),	per set \$44.00
“ “ “ “ “ (750 “),	“ 65.00

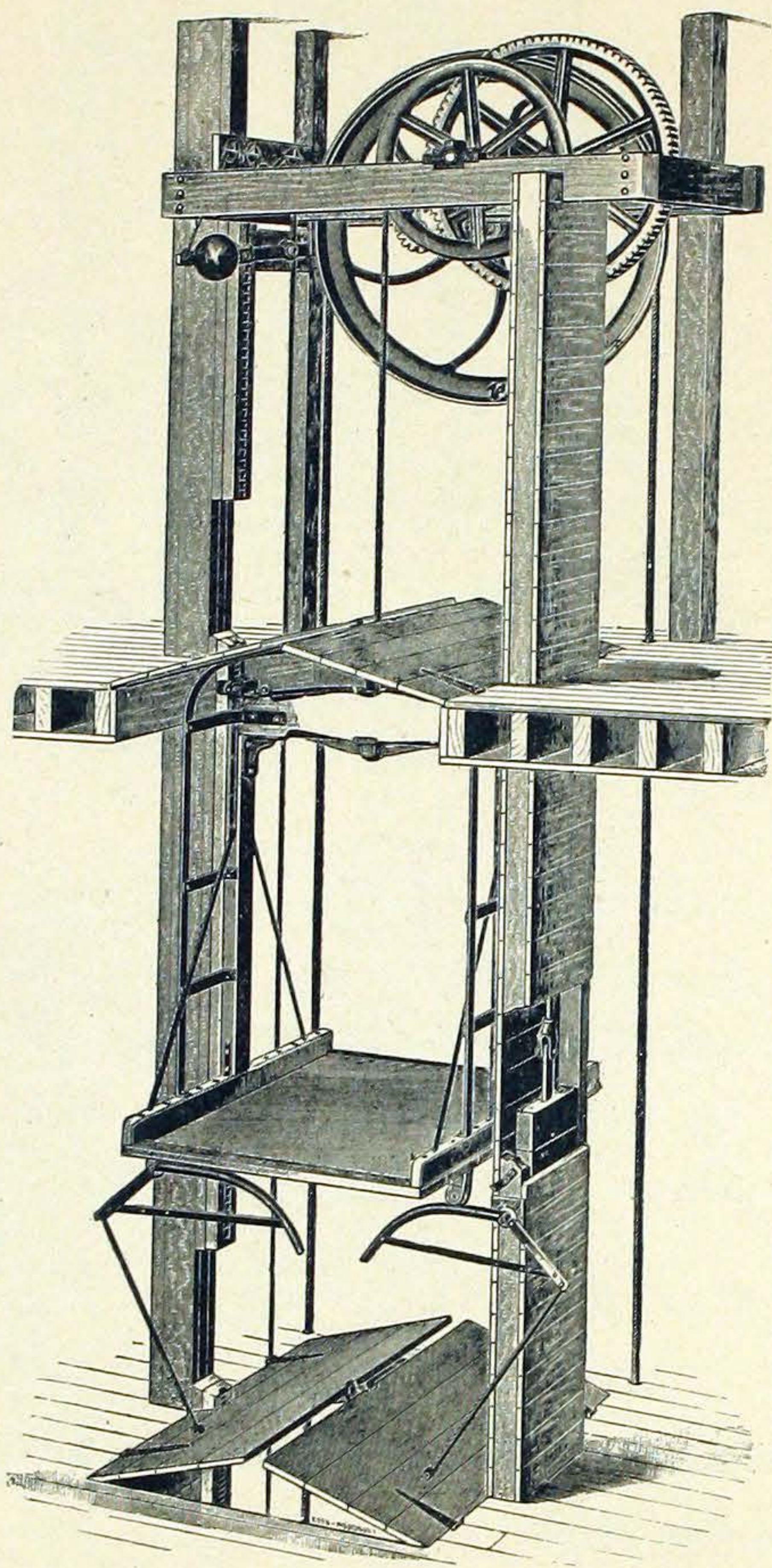
Humphrey Hand Elevator fixtures (500 lbs. capacity), with No. 3 car, counterweight, guide runs, weight	
runs and all ropes, for first 10 feet in height,	\$83.00
For each additional foot in height,	.50

Humphrey Hand Elevator fixtures (750 lbs. capacity), with No. 3 car, counterweight, guide runs, weight	
runs and all ropes, for first 10 feet in height,	\$104.00
For each additional foot in height,	.50

IMPROVED HAND ELEVATOR.

No. 40.

Capacity 1,500 to 2,000 lbs.



This machine is only sold complete with car, etc., ready to erect.

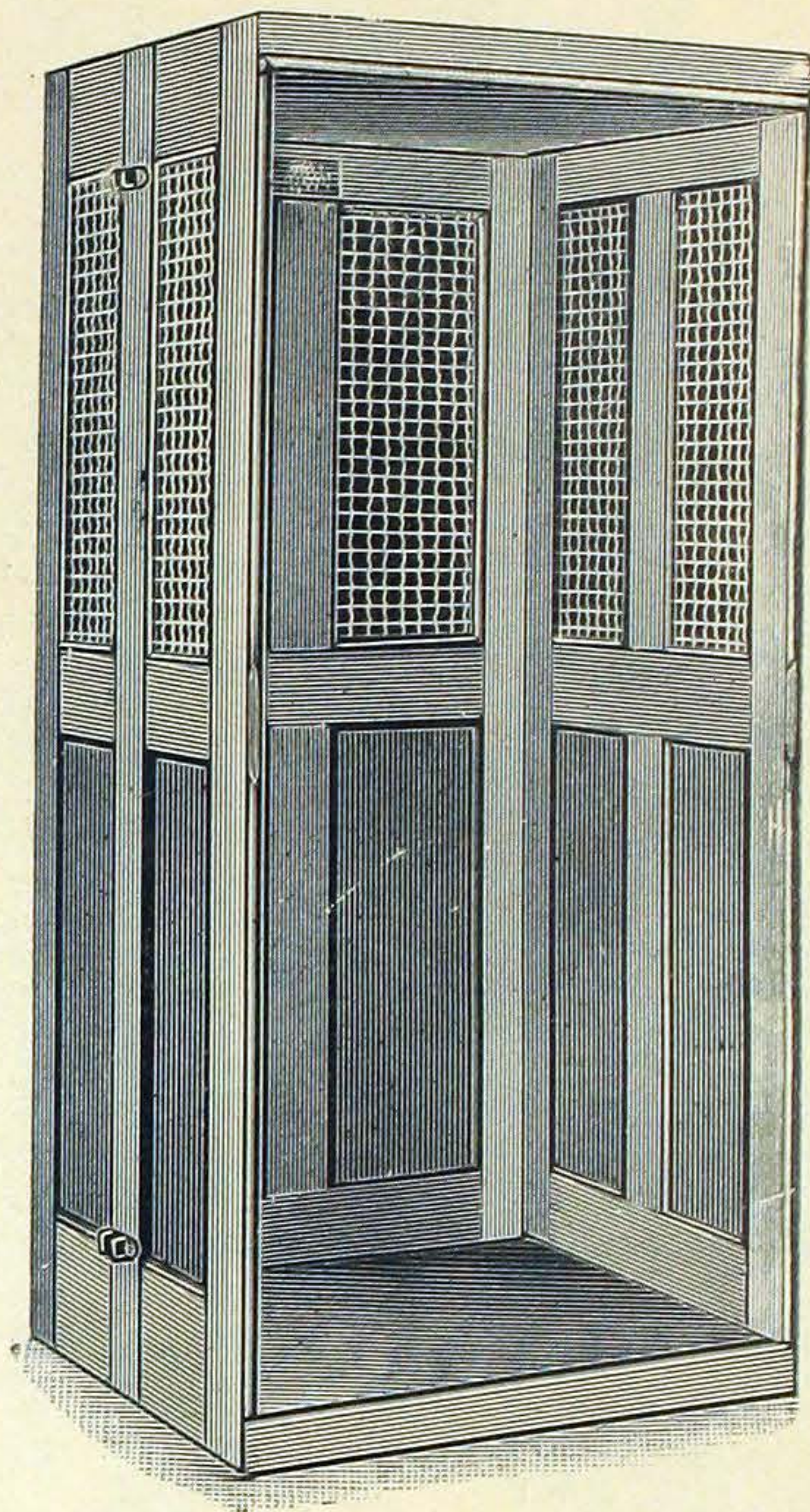
No. 40.—Hand elevator fixtures (1,500 to 2,000 lbs. capacity), with heavy car, counterweight, guide runs, weight runs, and all ropes and cables for first ten feet in height, according to size and capacity, from **\$170.00** to **\$240.00**.

For each additional foot in height, **\$1.00**.

Automatic hatch doors, extra according to size.

SPECIAL INVALID LIFT.

Car No. 4.



The above Car, built of hard wood, handsomely paneled and ornamental wire work in combination with our **Improved Humphrey Hand Elevator**, makes the most complete, easiest working and safest Invalid Lift ever placed upon the market.

Seven hundred and fifty pound Improved Humphrey Hand Elevator fixtures in combination with No. 4 Invalid Lift Car, counterweight, guide runs, weight runs, and all ropes for first ten feet in height, **\$154.00**

For each additional foot in height, **50 cts.**

DIAMOND POINT NAIL SET.

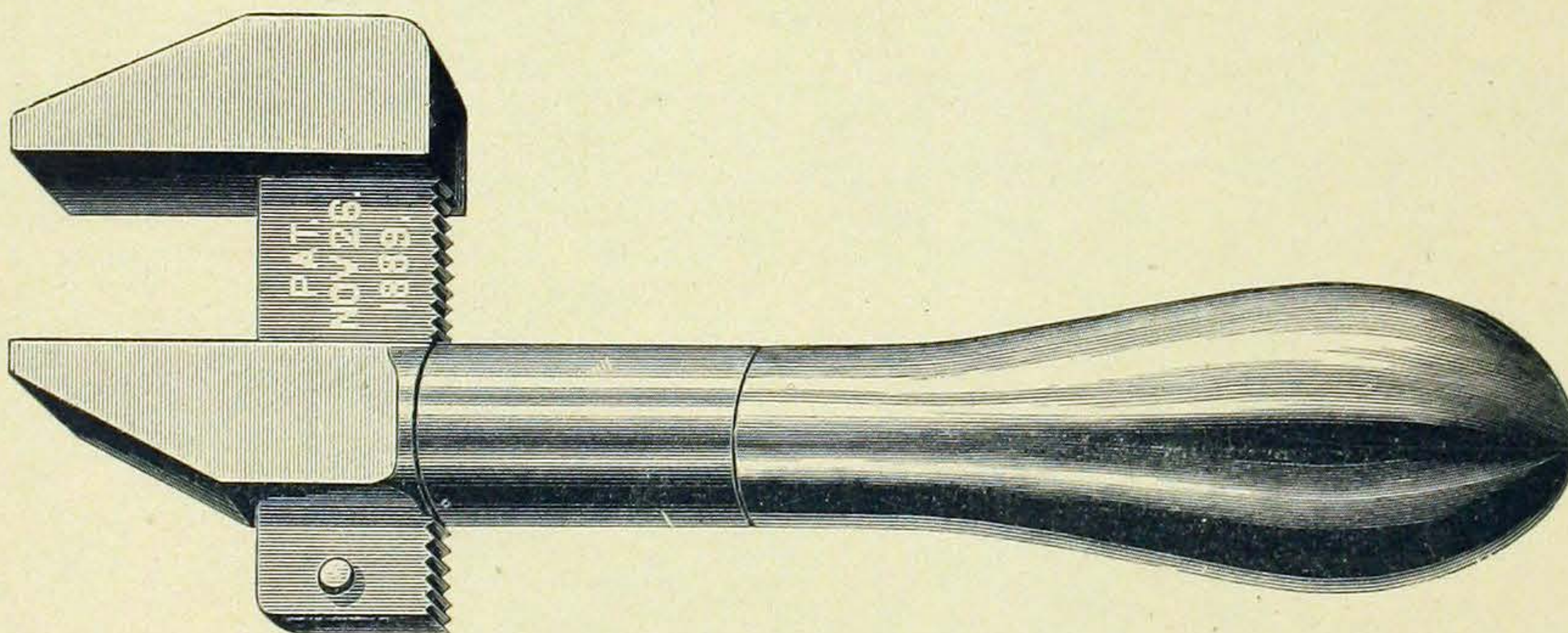


These sets are carefully made from the best quality of tool steel. The points are turned and thoroughly tempered, and will not break off.

Each set fully warranted.

Price, per gross, \$12.00

Lightning Adjustable Wrench.



The object of this wrench can be readily seen; the rapidity with which it can be adjusted alone, places it at once ahead of all others. One-quarter turn of the handle either loosens or tightens the jaws, and adjusts it to the nut, and from its shape, it can be used in many places where others can not.

Especially adapted to bicycles and tricycles, there being no place on a machine where it cannot be used.

A light, convenient pocket wrench for mechanics.

One trial will convince anyone that it is a great improvement over the old style

These wrenches are carefully made from the best steel forging and handsomely nickel-plated.

Each one fully warranted.

5 inches; weight, 7 ounces, per dozen, \$12.00

AGENTS FOR

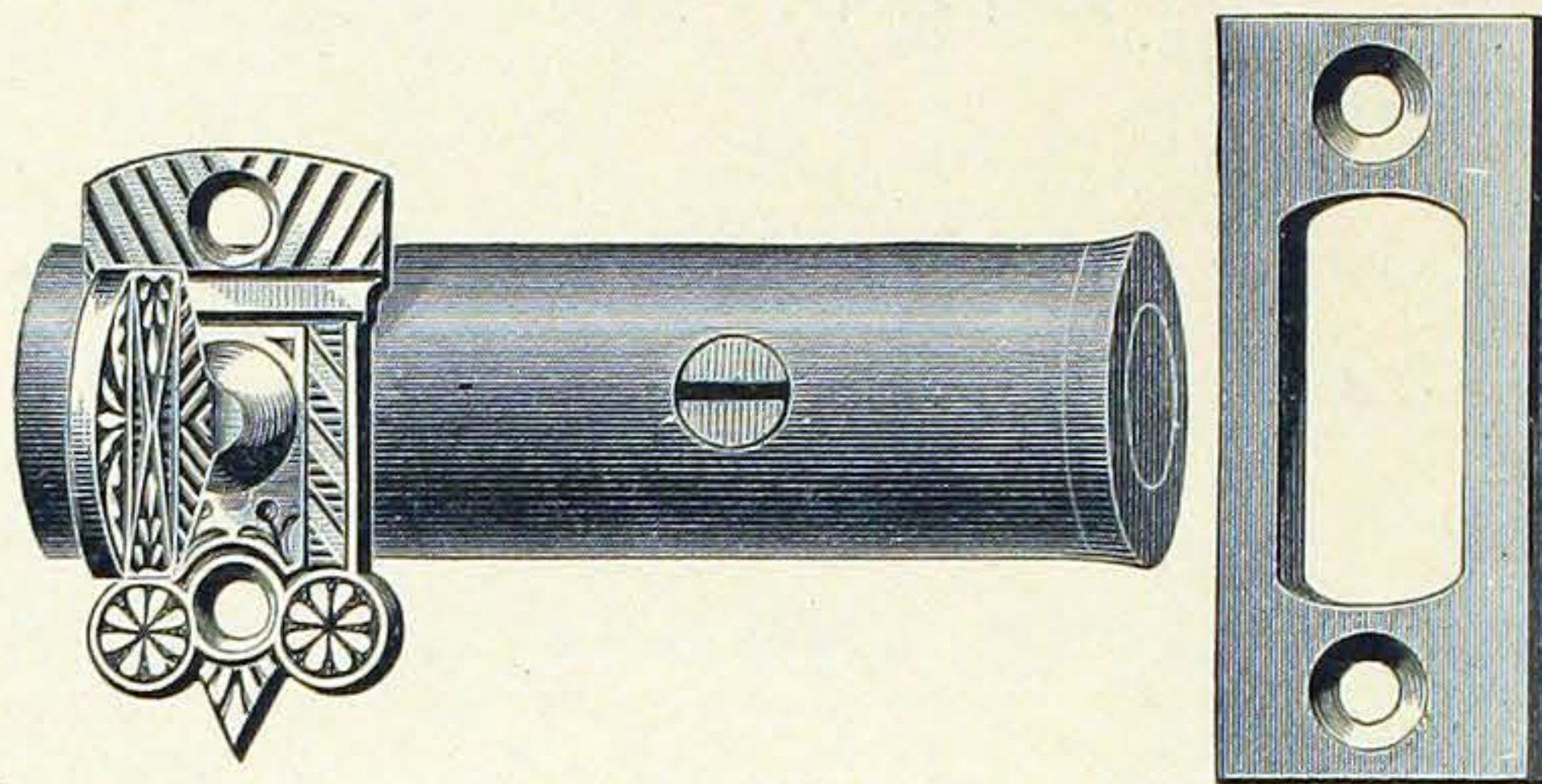
H. B. IVES & COMPANY,

MANUFACTURERS OF

Ives Patent Sash Locks and Door Bolts.

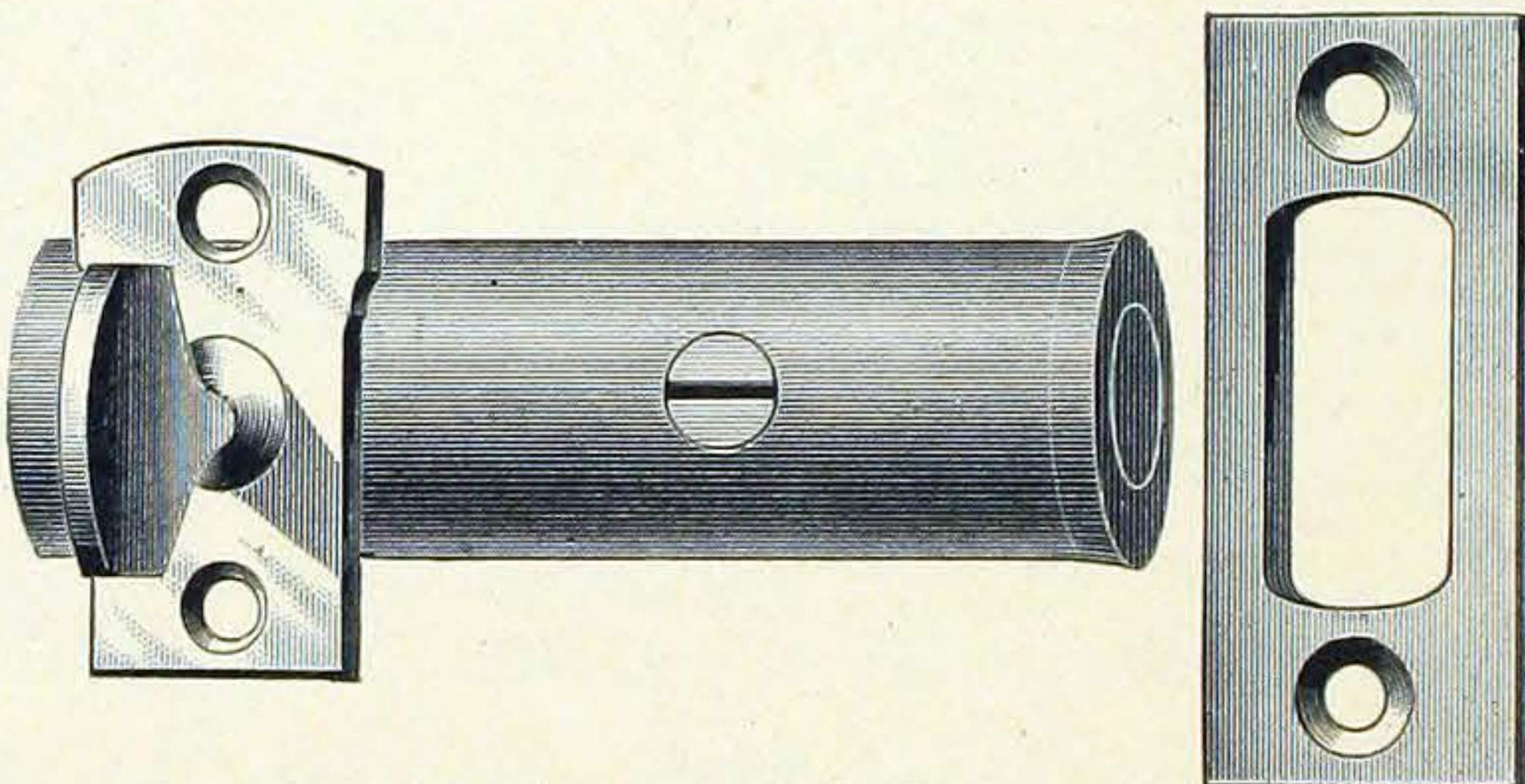
IVES MORTISE DOOR BOLTS.

Improved.



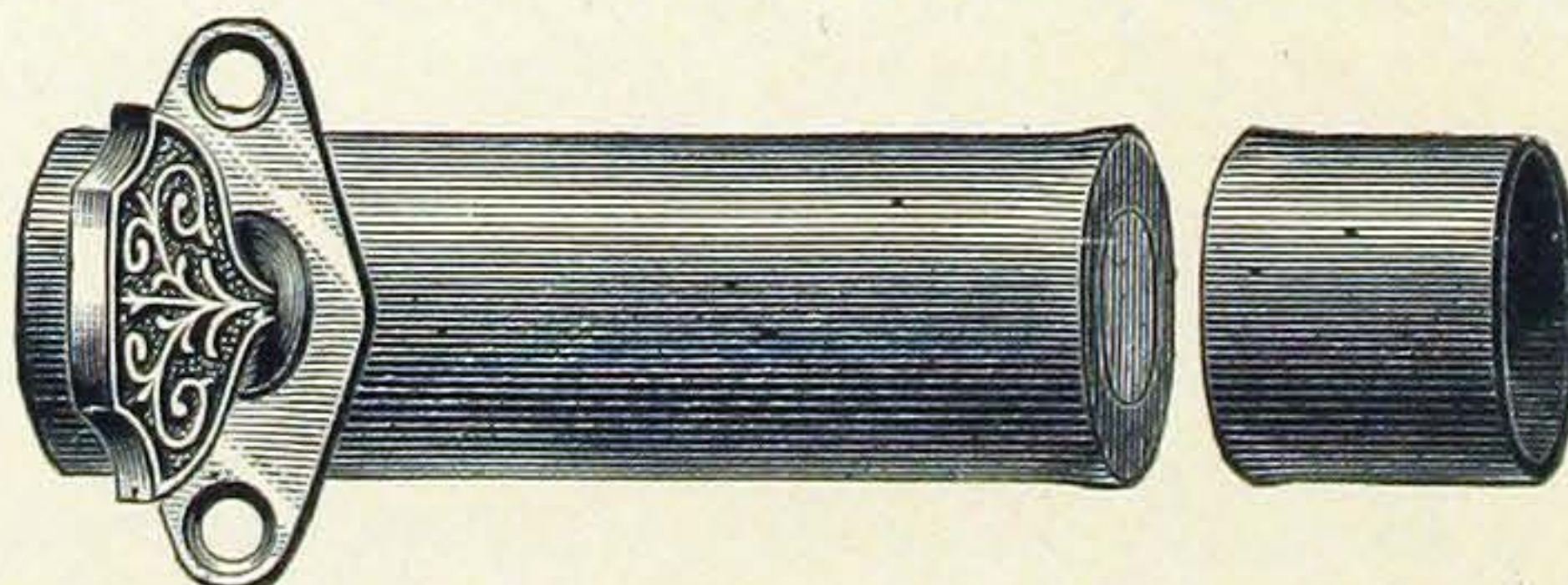
Patented Feb. 14, 1888.

No. 8.	Ornamental knob and escutcheon, iron, bronzed,	per dozen, \$2.60
" 10.	" " " " nickel plated,	" 3.45
" 12.	" " " " bronze metal, No. 1 finish,	" 3.45
" 14.	" " " " " " " 3 "	" 3.45



Patented Feb. 14, 1888.

No. 15.	Plain knob and escutcheon, bronze metal, high polish, No. 1 finish,	per dozen, \$4.00
" 16.	" " " " " " No. 2 finish,	" 4.00
" 17.	" " " " " " nickel plated,	" 4.30



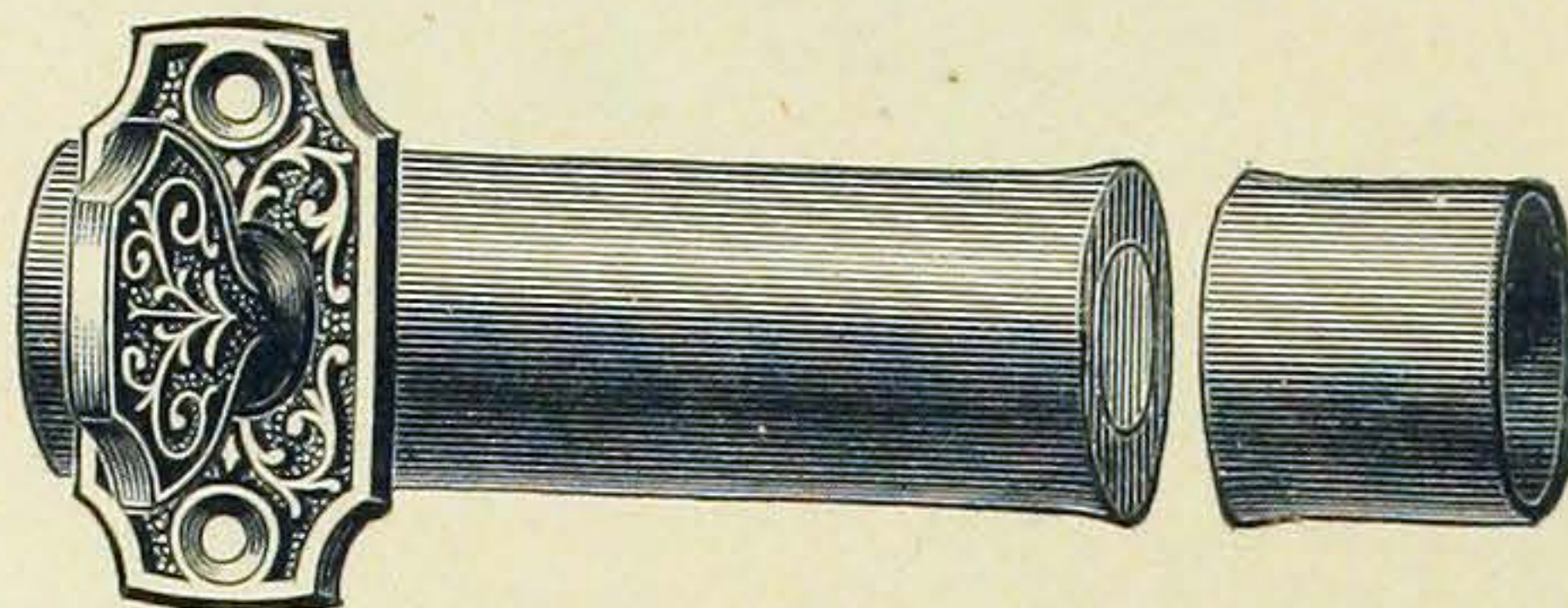
Patented May 8, 1877, April 9, 1878, re-issued October 18, 1881, patented July 18, 1882.

No. 20.	Ornamental knob, plain escutcheon, nickel plated,	per dozen, \$3.00
" 28.	" " " " " " bronze metal, No. 1 finish,	" 3.00
" 29.	" " " " " " " " 2 "	" 3.00
" 27.	" " " " " " " " 3 "	" 3.00

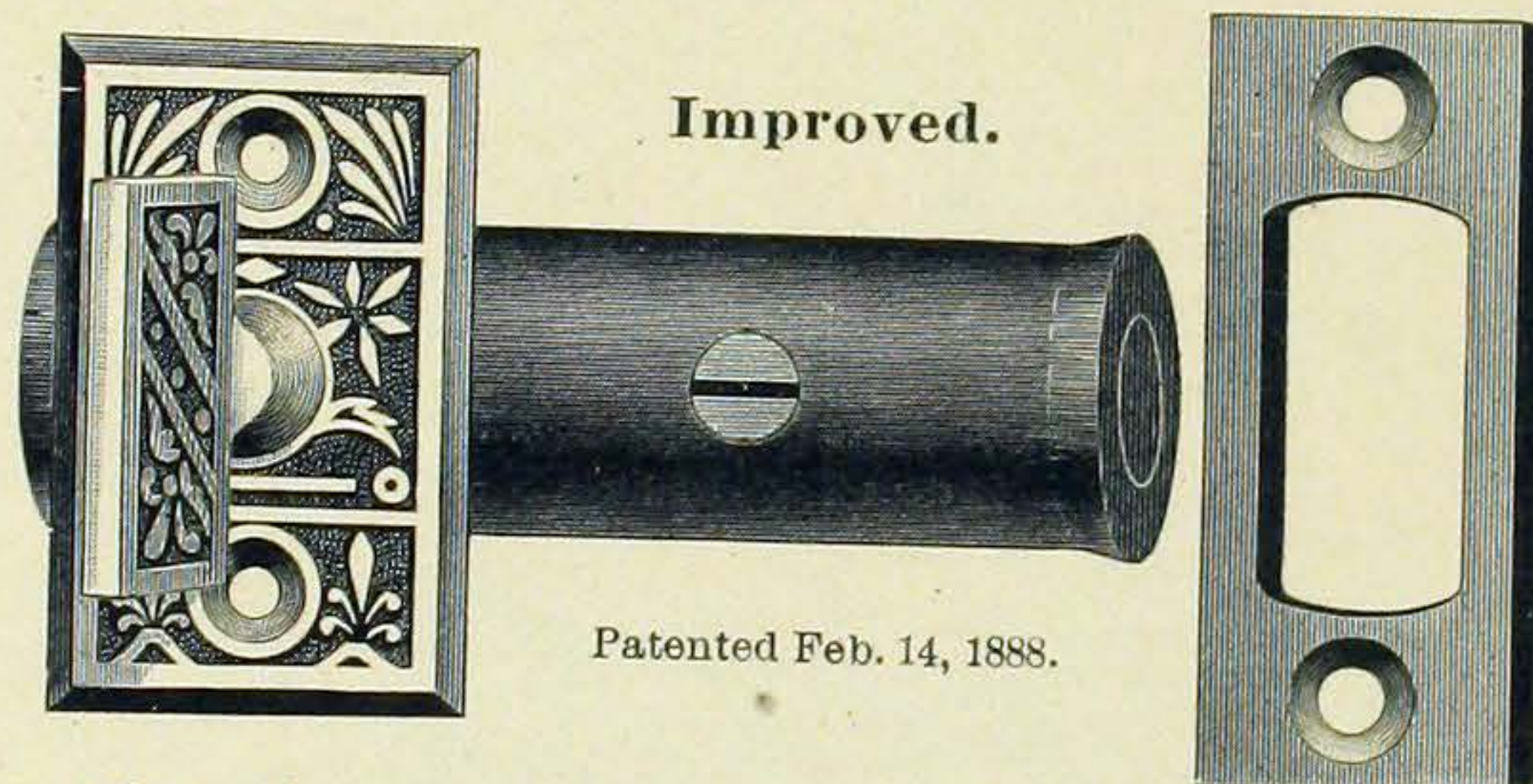
Length, 2½ inches. Diameter, ¾ inch.

Packed one dozen in a box, one gross in case, with screws to match.

No. 30.	Plain knob and escutcheon,	bronze metal, nickel plated,		
" 31.	" " "	brass, high polish, No. 1 finish,		per dozen, \$4.30
" 32.	" " "	bronze metal, high polish, No. 1 finish,		" 4 00
" 34.	" " "	No. 2 finish,		" 4 00



No. 18.	Ornamental knob and escutcheon, iron bronzed,	
" 36.	" " " bronze metal, No. 1 finish,	per dozen, \$3.00
" 37.	" " " " " "	" 4.00
" 38.	" " " " " "	" 4.00

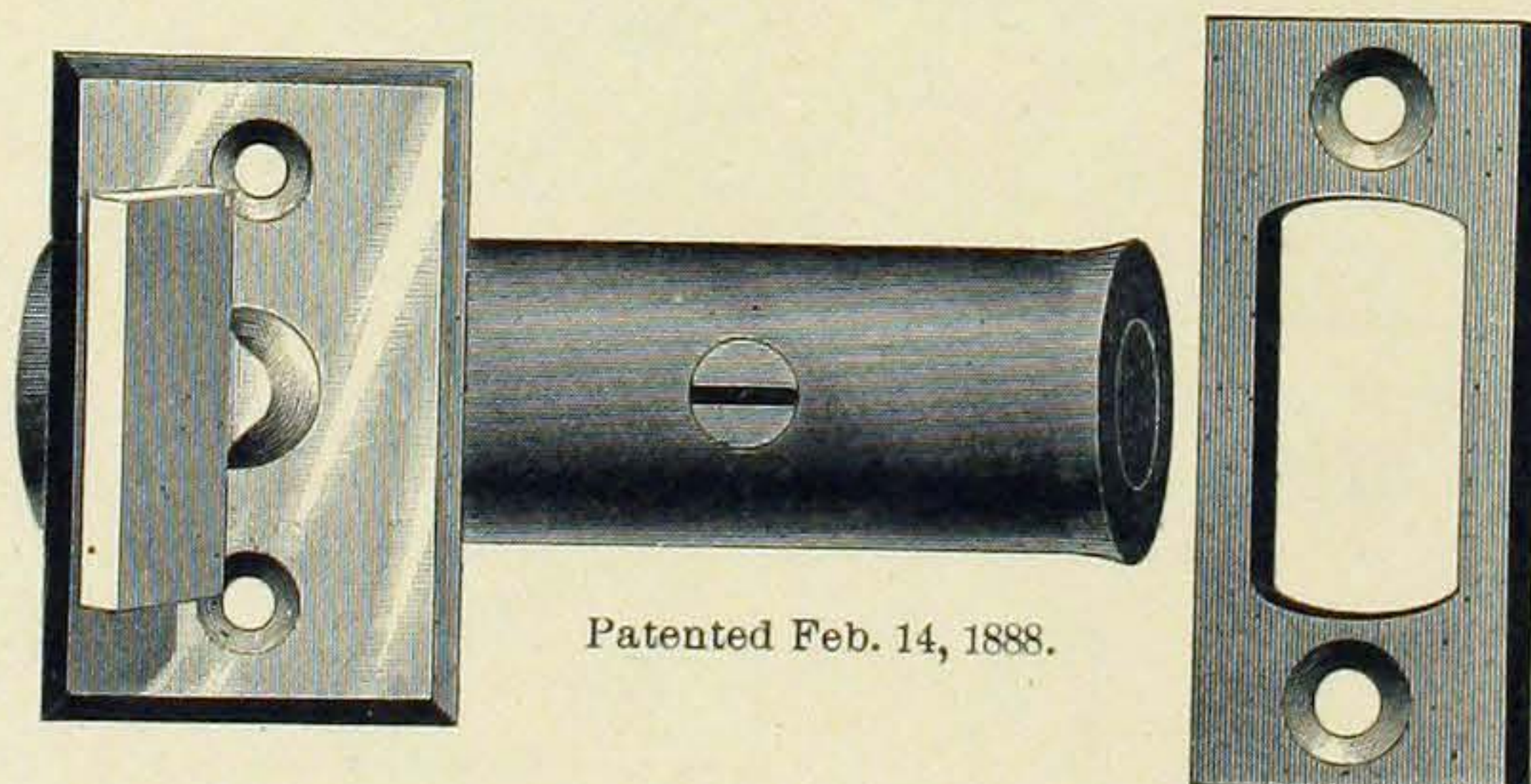


Improved.

Patented Feb. 14, 1888.

[illegible]

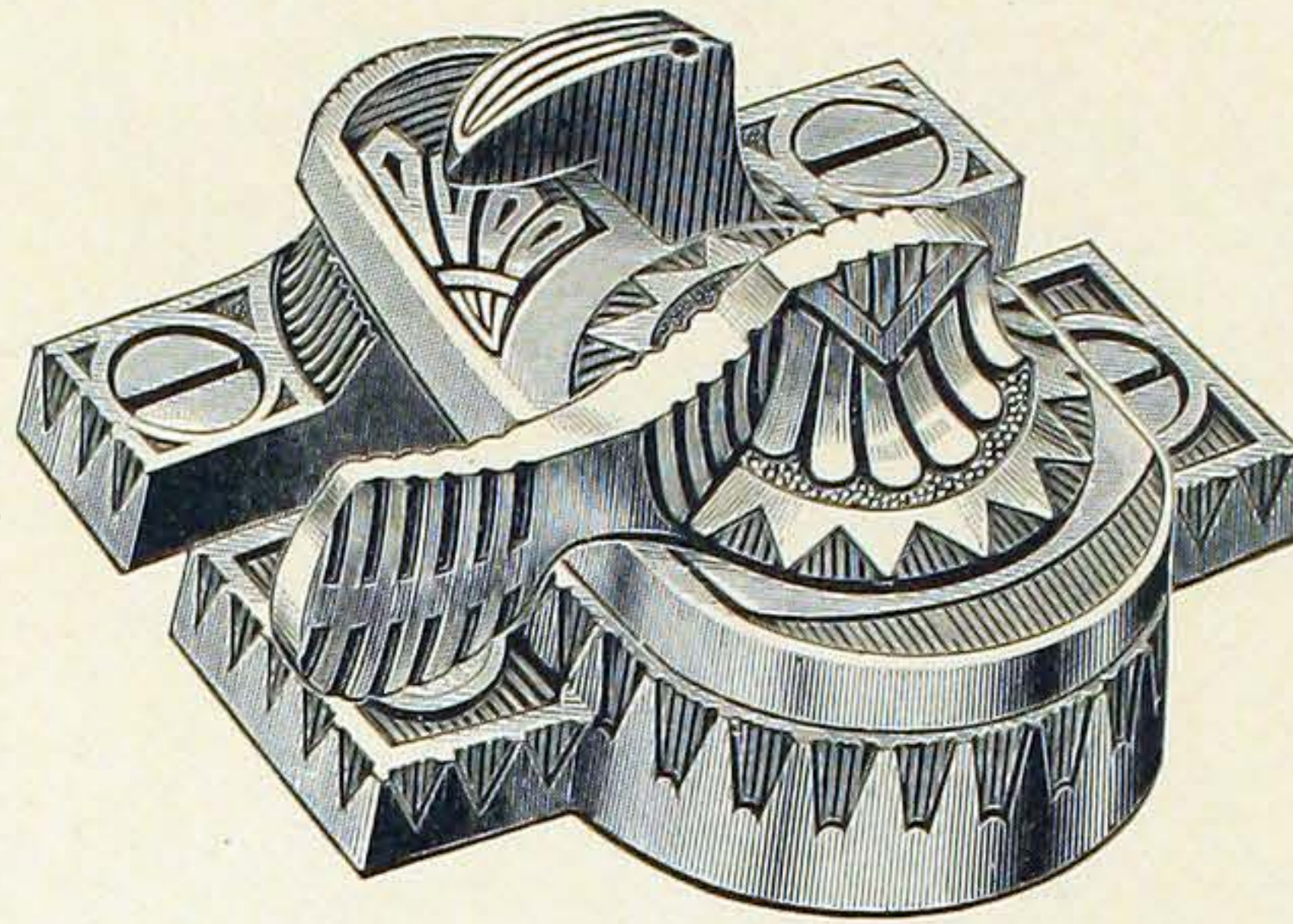
No. 82.	Ornamental knob and escutcheon, bronze metal, No. 1 finish,	
" 84.	" " " " " 3 "	per dozen, \$8.75 " 8.75



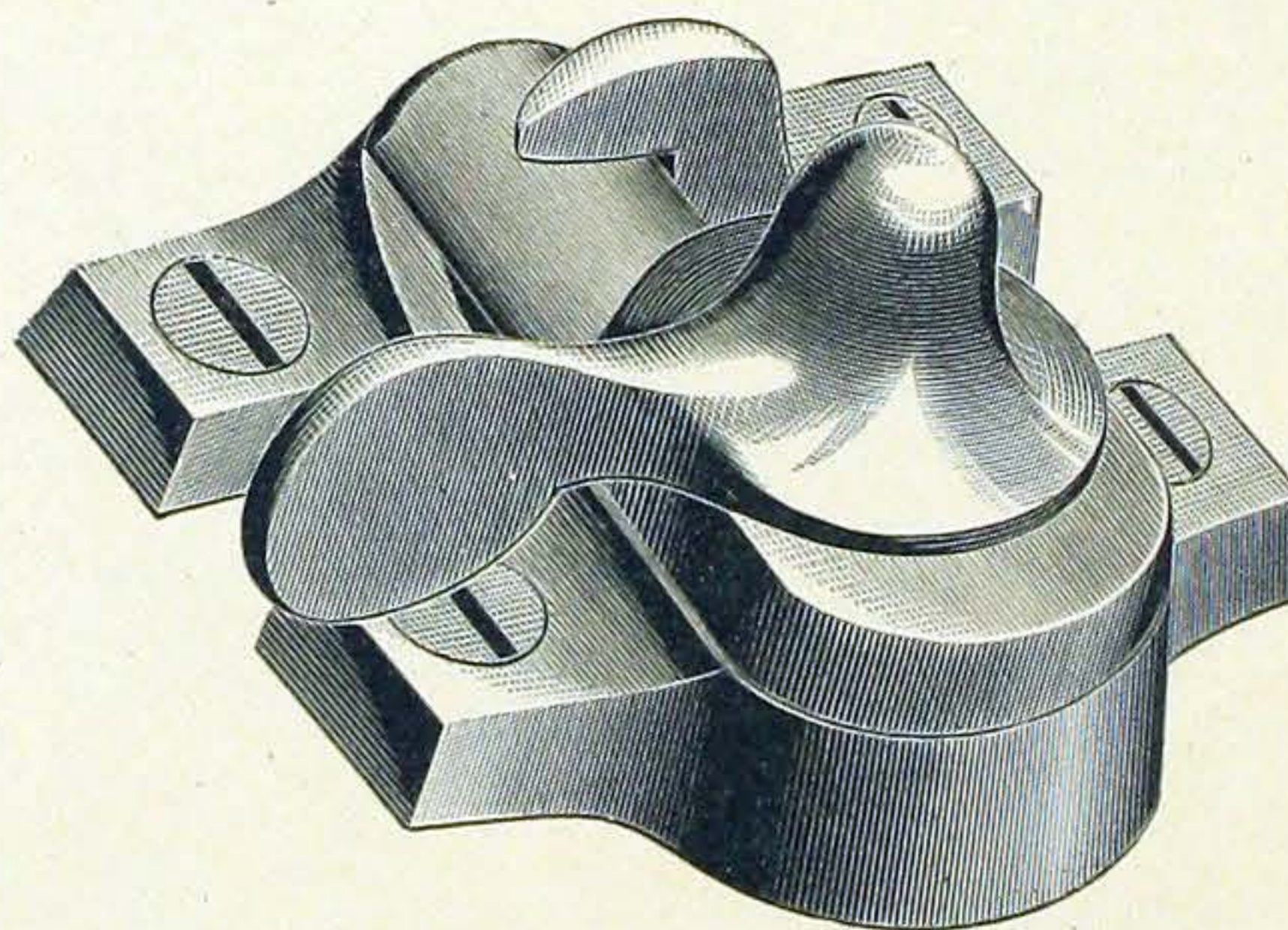
Patented Feb. 14, 1888.

[illegible][illegible]

Length, $2\frac{1}{2}$ inches. Diameter, $\frac{3}{4}$ inch.
Packed, one dozen in box, one gross in case, with screws to match.

IVES PATENT SASH LOCKS**In Ogee Tip, Ornamental.**

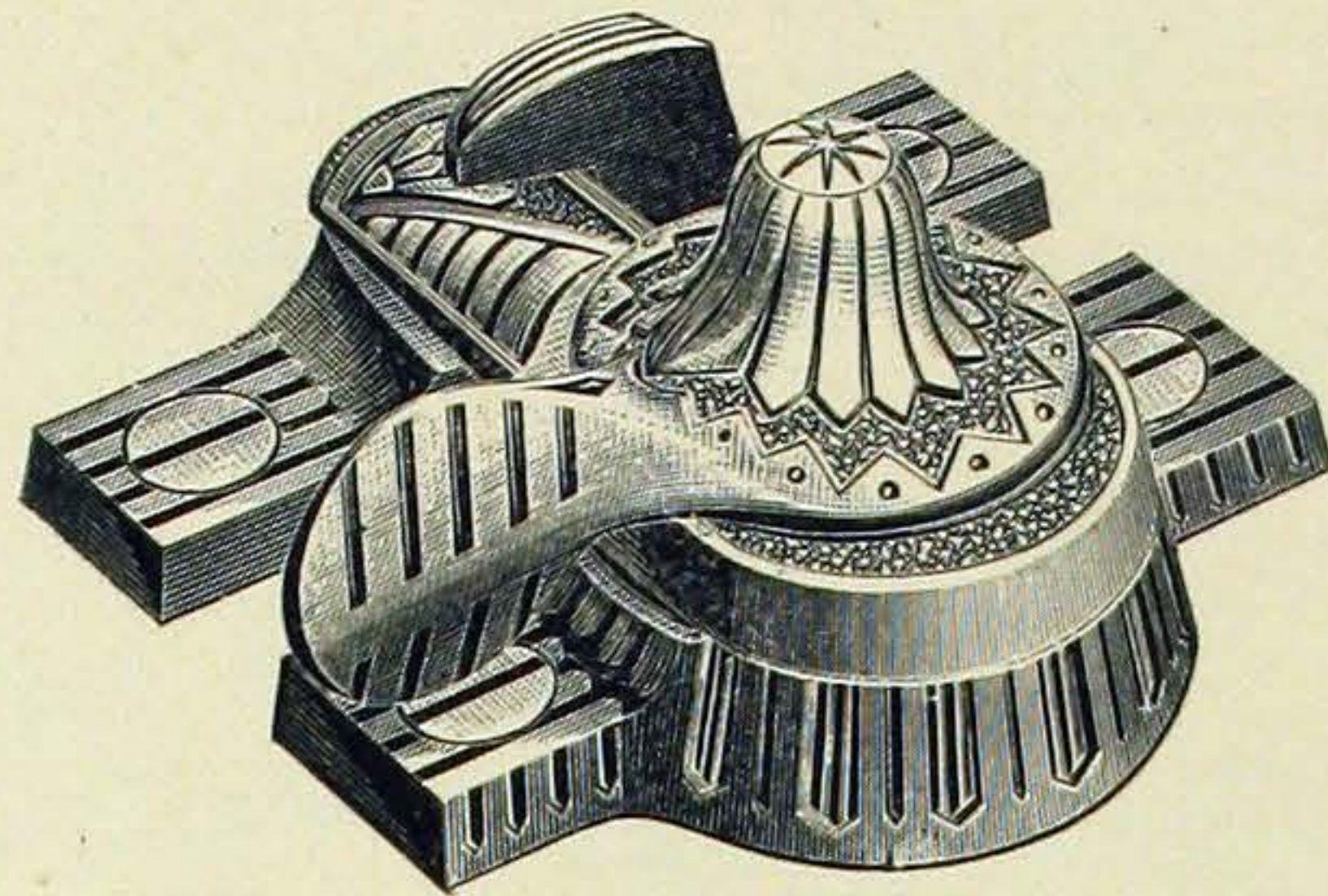
No. 404.	Ornamental iron bronzed,	per dozen, \$1 25
" 405.	" " copper, bronzed,	" 1.45
" 408.	" " bronzed, with nickel plated knob,	" 2 00
" 416.	" " " " bronze metal knob, No. 1 finish,	" 2.00
" 417.	" " " " " " " 3 "	" 2 00
" 418.	" " polished, electro bronze plated, No. 3 finish,	" 4.00
" 419.	" " " " " " " 1 "	" 4.00
" 424.	" real bronze metal, polished, No. 1 finish,	" 7.00
" 426.	" " " " " 4 "	" 7.00
" 430.	" " " " " 3 "	" 7.00

Bell Tip, Plain.

No. 431.	Plain iron, bronzed,	per dozen, \$1.40
" 422.	" copper, bronzed,	" 1.75
" 433.	" bronze, with bronze metal knob, No. 1 finish,	" 2.50
" 433½.	" polished, electro bronze plated, " 1 "	" 5.00
" 434.	Plain real bronze metal, polished, No. 1 finish,	" 7.50
" 435.	" brass metal, " " 1 "	" 7.50
" 438.	" bronze metal, " " 2 "	" 7.50
" 440.	Plain iron, polished, nickel plated,	" 6.00
" 442.	Plain real bronze metal, nickel plated,	" 9.00
" 444.	Plain iron, polished, Boston finish,	" 3.00
" 446.	" bower barffed,	" 3.50
" 448.	" polished, bower barffed,	" 5.00
" 449.	" " electro copper plated, antique,	" 5.50
" 450.	Plain bronze metal, polished, antique copper,	" 8.00
" 452.	Plain brass metal, " " brass,	" 8.00
" 454.	Plain bronze metal, " oxidized silver,	" 10.50

Packed, one dozen in box, one gross in case, with screws to match.

In Bell Tip, Ornamental.

[illegible]

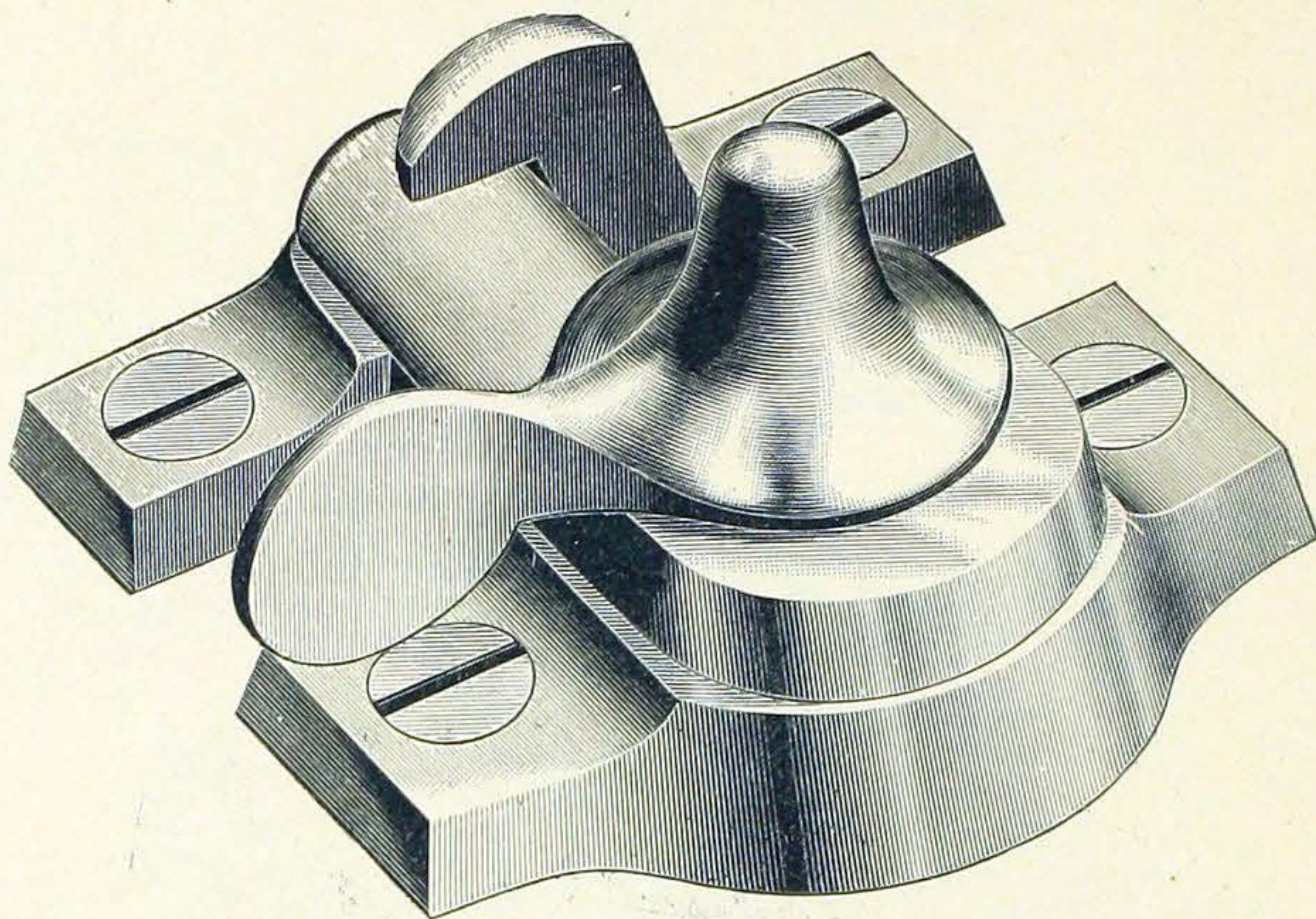
No. 531	Plain iron bronzed,	per dozen, \$ 2.25
" 533.	" " " with bronze metal knob, No. 1 finish,	" 4.00
" 533 $\frac{1}{2}$	" " polished, electro bronze plated, " 1 "	" 7.00
" 534.	" real bronze metal, polished, No. 1 finish,	" 10.50
" 535.	" " brass " " " 1 "	" 10.50
" 538.	" " bronze " " " 2 "	" 10.50
" 540.	" iron, polished, nickel plated,	" 8.00
" 542.	" real bronze metal, nickel plated,	" 12.50
" 544.	" iron, polished, boston finish,	" 4.50
" 546.	" " bower barffed,	" 5.00
" 548.	" " polished, bower barffed,	" 7.50
" 549.	" " " electro copper plated, antique,	" 7.50
" 550.	" bronze metal, polished, antique copper,	" 11.50
" 552.	" brass metal, polished, antique brass,	" 11.50
" 554.	" bronze metal, polished, oxidized silver,	" 15.00

Packed one dozen in box, one gross in case, with screws to match.

IVES PATENT SASH LOCKS

In large size, bell tip, plain.

The double eccentric mechanism of the IVES SASH LOCKS works admirably well in drawing heavy sash together easily, and locking securely, making our Locks for heavy sash in public buildings, the best known.

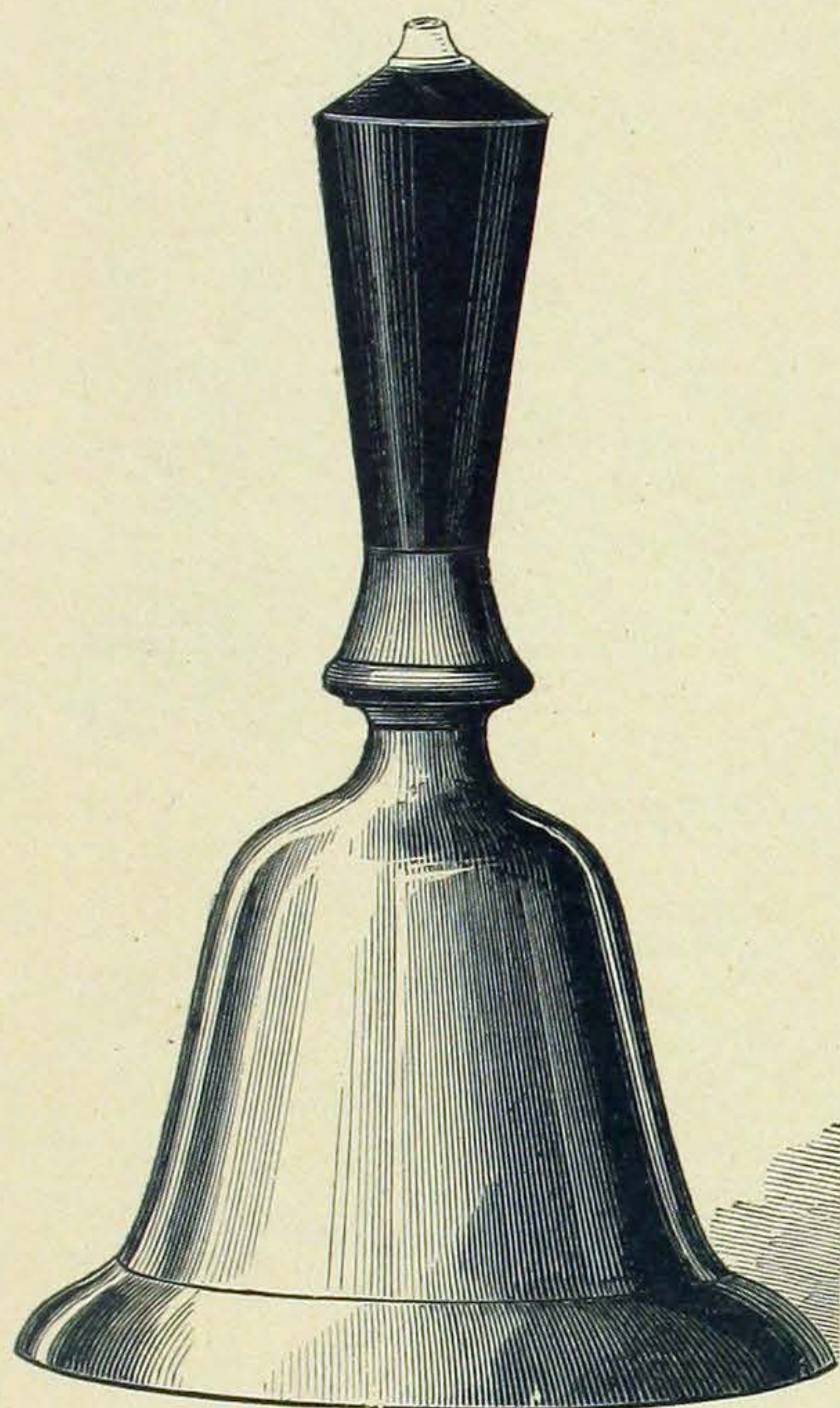


No. 631.	Plain iron bronzed,	per dozen, \$ 3 00
" 633.	" " " with bronze metal knob, No. 1 finish,	" 5.50
" 634.	" real bronze metal, polished, No. 1 finish,	" 17.00
" 638.	" " " " " 2 "	" 17.00
" 646.	" iron, bower barffed,	" 6.50
" 648.	" " polished, bower barffed,	" 9.00
" 650.	" bronze metal, polished, antique copper,	" 18.75
" 652.	" brass " " brass,	" 18.75
" 654.	" bronze " " oxidized silver,	" 21.25

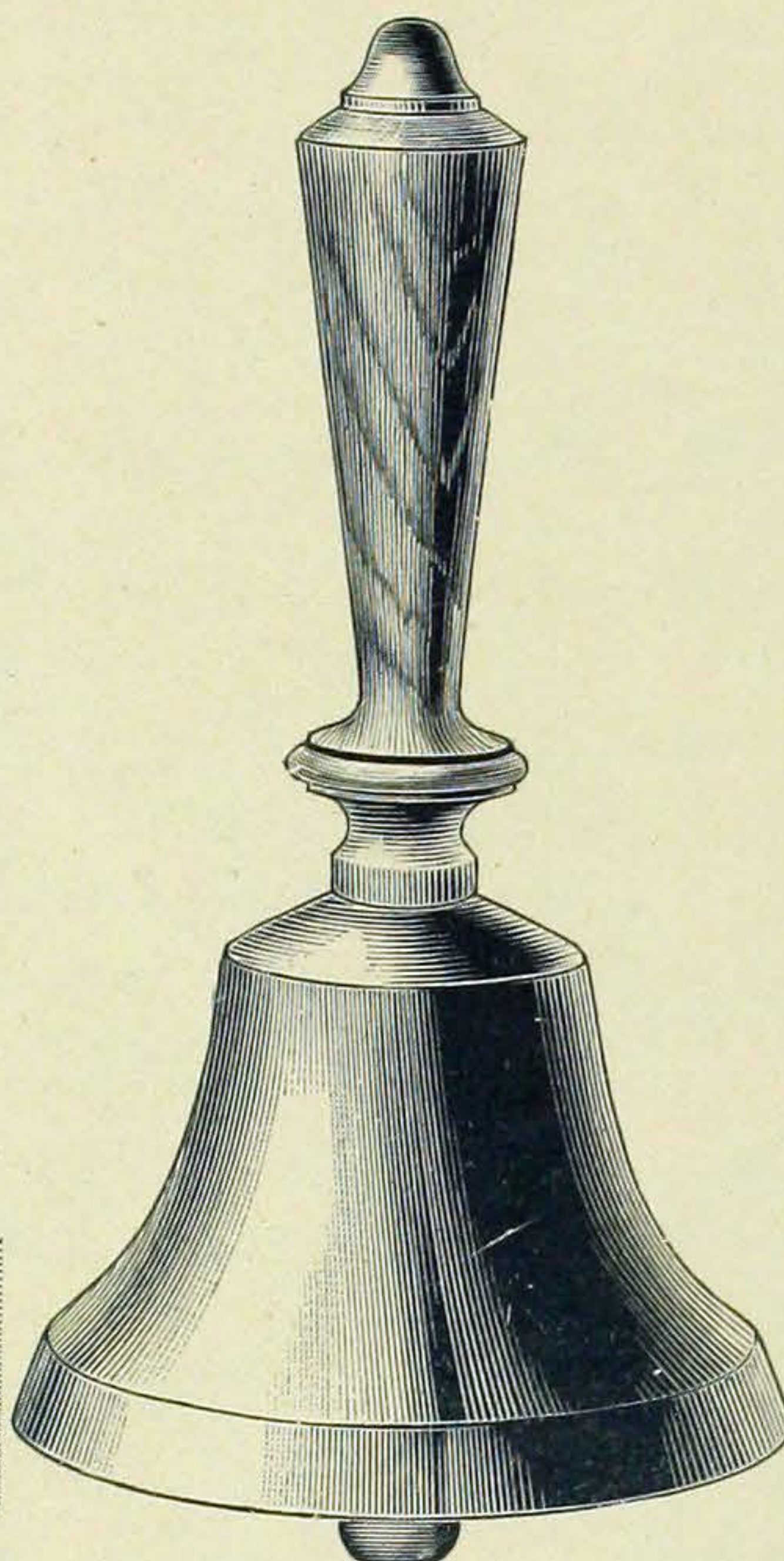
Packed, one dozen in box, one gross in case, with screws to match,

AGENTS FOR
THE BARTON BELL COMPANY.

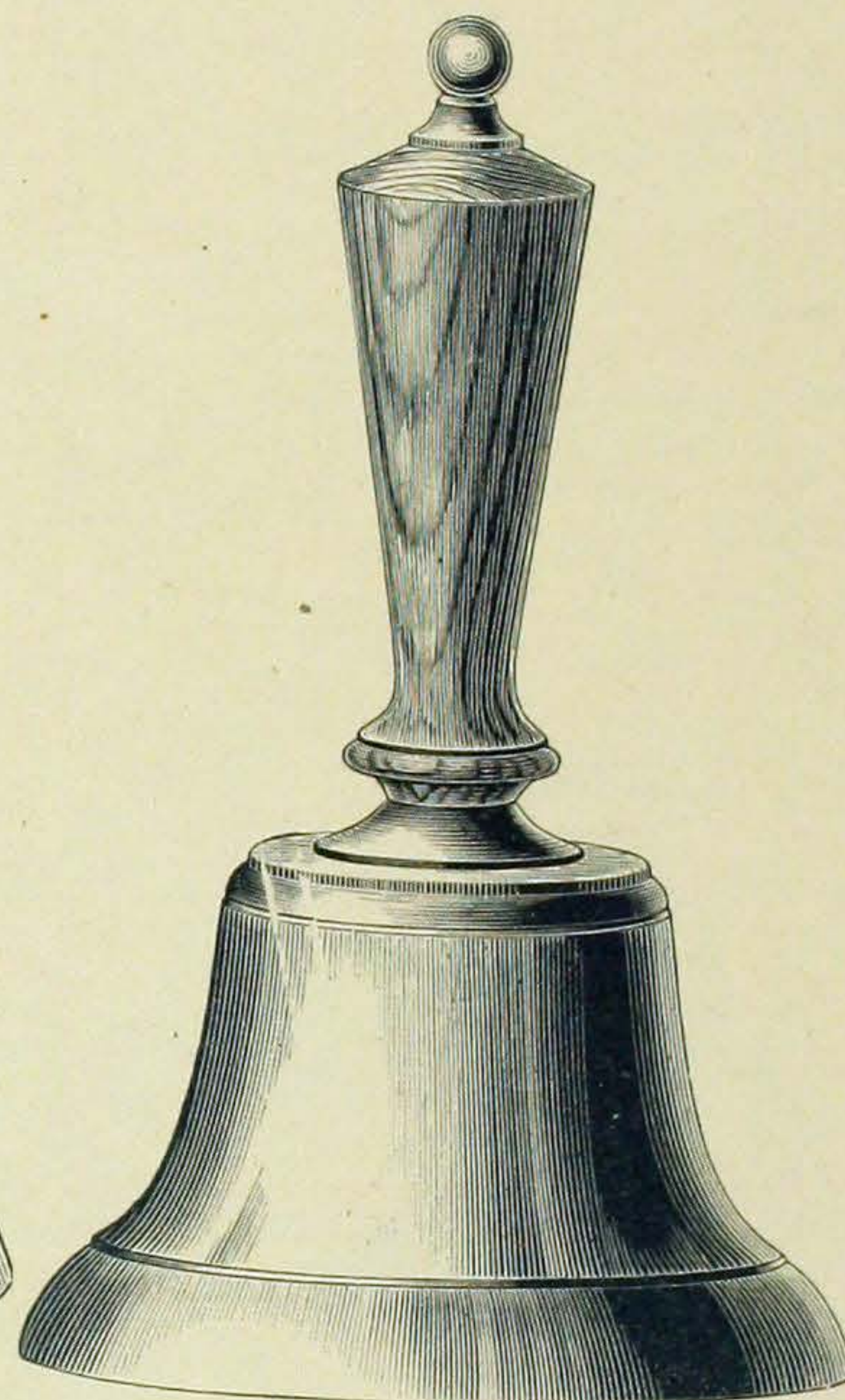
Combination Ferrule Hand and Milk Bells.



COMMON HAND BELL. BLACK HANDLES.



BARTON'S BEST, OR SWISS HAND BELL.
 CHERRY HANDLES.
 PURE BELL METAL BELLS.



MILK BELLS. CHERRY HANDLES.

Common Hand Bells.

Numbers,	0	1	2	3	4	5	6	
Diameter, in inches,	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{7}{16}$	$2\frac{13}{16}$	$3\frac{1}{4}$	$3\frac{11}{16}$	4	$4\frac{1}{8}$
Polished or white metal	Per doz., \$2.25	2.62	3.50	4.50	6.50	8.50	11.25	13.75
Numbers,		8	9	10	11	12	13	14
Diameter, in inches,		$4\frac{7}{12}$	5	$5\frac{9}{16}$	6	$6\frac{1}{4}$	$6\frac{7}{8}$	$7\frac{1}{4}$
Polished or white metal,		Per doz., \$18.50	24.00	30.00	34.00	36.00	42.00	48.00

Swiss Hand Bells.

Numbers,	2	4	6	8	10	12
Diameter, in inches,	$2\frac{1}{2}$	$3\frac{5}{16}$	4	$4\frac{5}{16}$	$5\frac{1}{2}$	$6\frac{1}{2}$
Silver white or polished,	Per doz., \$6.00	9.00	13.50	22.50	38.25	57.75
Nickel plated,	" 8.00	12.00	18.00	30.00	51.00	77.00

Milk Bells.

Numbers,	10	12
Diameter, in inches,	$5\frac{1}{2}$	$6\frac{1}{2}$
Pure bell metal,	Per doz., \$36.00	64.00
Common "	" 21.00	37.50

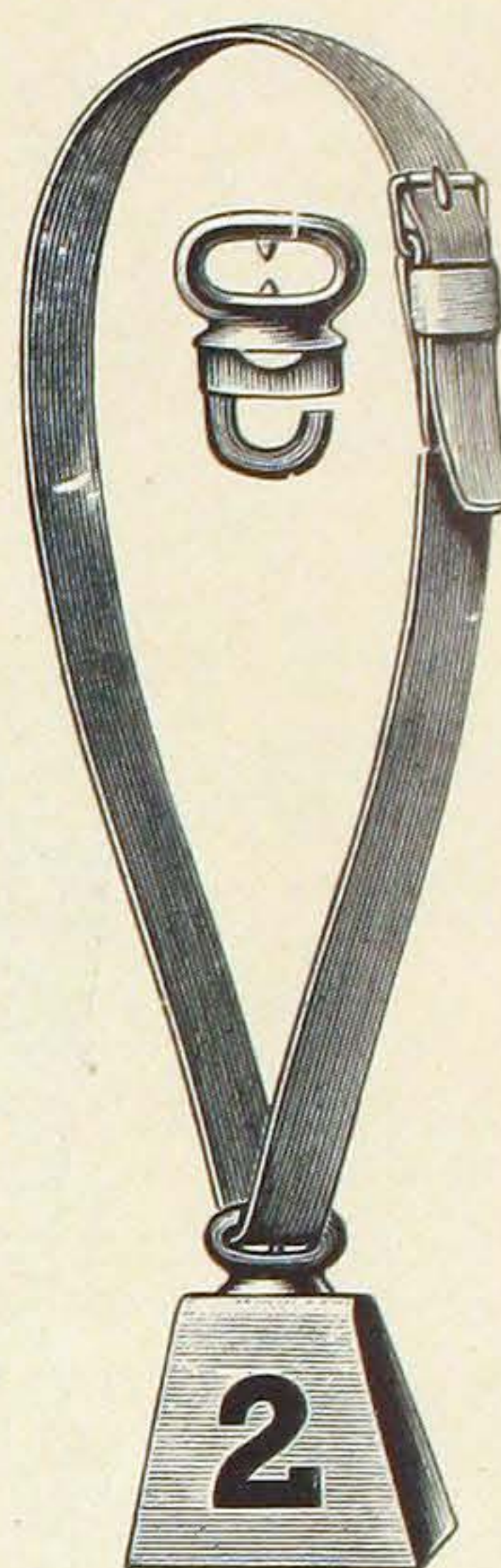
From 0 to 4 inclusive, $\frac{1}{2}$ dozen in package. From 5 to 6 inclusive, $\frac{1}{3}$ dozen in package. Above 6, $\frac{1}{12}$ dozen in package.

SHEEP, CAR, AND HOUSE BELLS.

Barton's Patent Sheep Bells.

Malleable Iron Loops.

Numbers,	1	2	3	4
Length, in inches,	$1\frac{9}{16}$	$1\frac{13}{16}$	$1\frac{15}{16}$	$2\frac{1}{8}$
Bells only,	per doz., \$2.00	2.50	3.00	4.00
Bells, strapped,	" 3.00	3.50	4.00	5.00



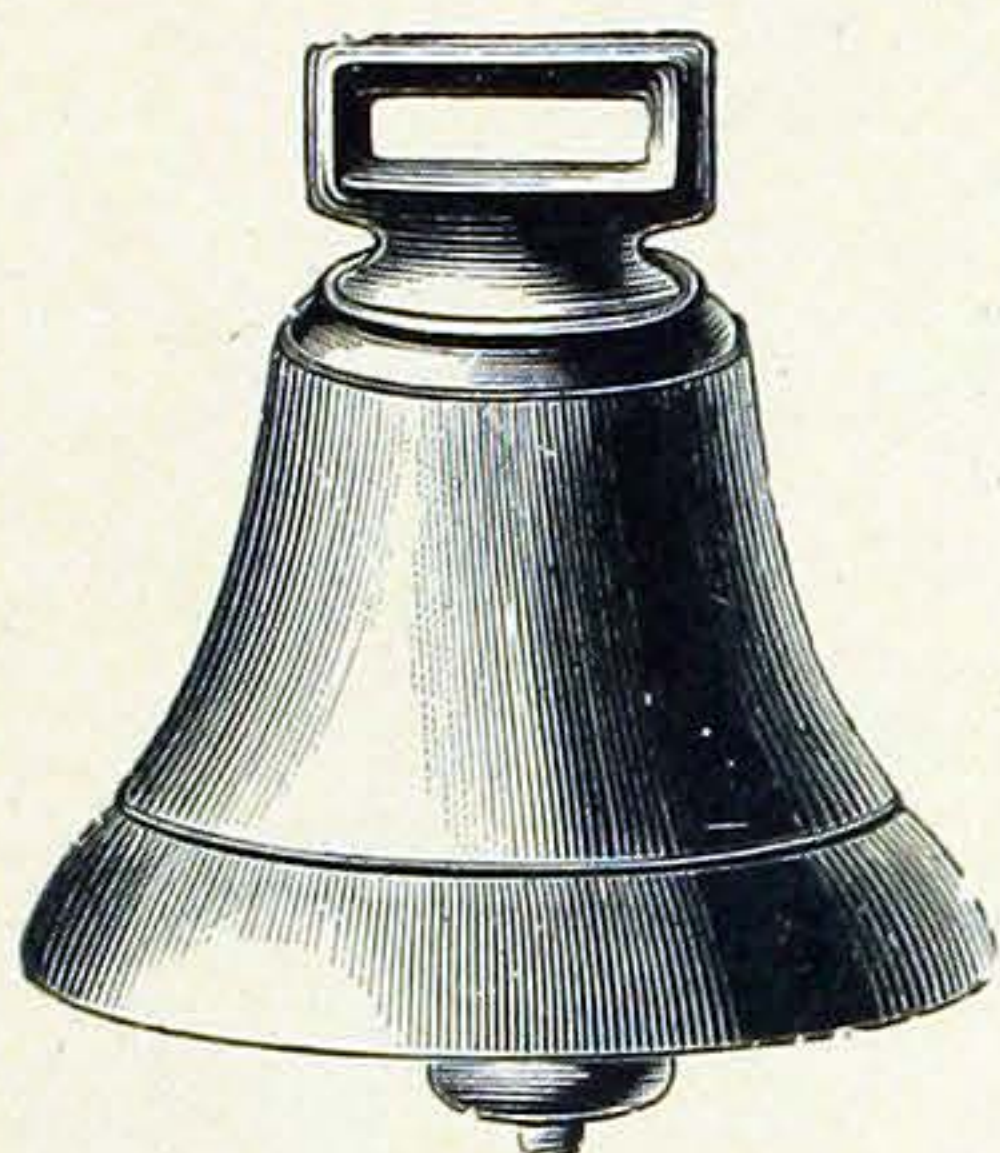
Barton's Patent Car Bells.

Malleable Iron Loops.

Common bell metal, Nos. 4 and 6, per pound,	rough, 69c.	polished, 75c.
Pure bell metal, " " "	" 84c.	" 96c.

No. 4 weighs 7 lbs., 8 oz.; No. 6 weighs 11 lbs. per dozen. Sizes same as house bells.

Above bells with leather loops, \$1.00 per doz. extra.



Common House Bells.



Nos. 1 to 8, inclusive, per lb.,	Outside			White	
	Rough.	Bright.	Polished.	Polished.	Metal.
	\$0.60	\$0.66	\$0.69	\$0.72	\$0.75

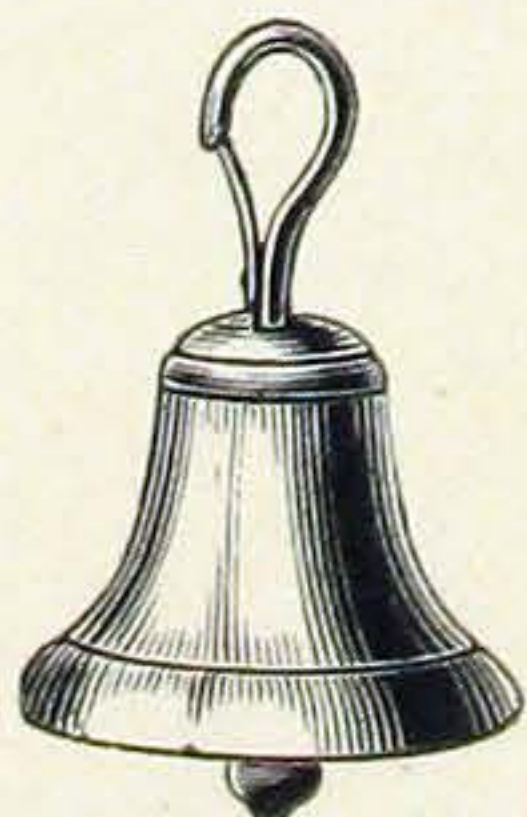
Barton's Best House Bells



Made from Pure Bell Metal.

Nos. 1 to 8, inclusive, per lb.,	Rough.	Polished
	\$0.84	\$0.96

Barton's New Snap Hook Team or Car Bells.



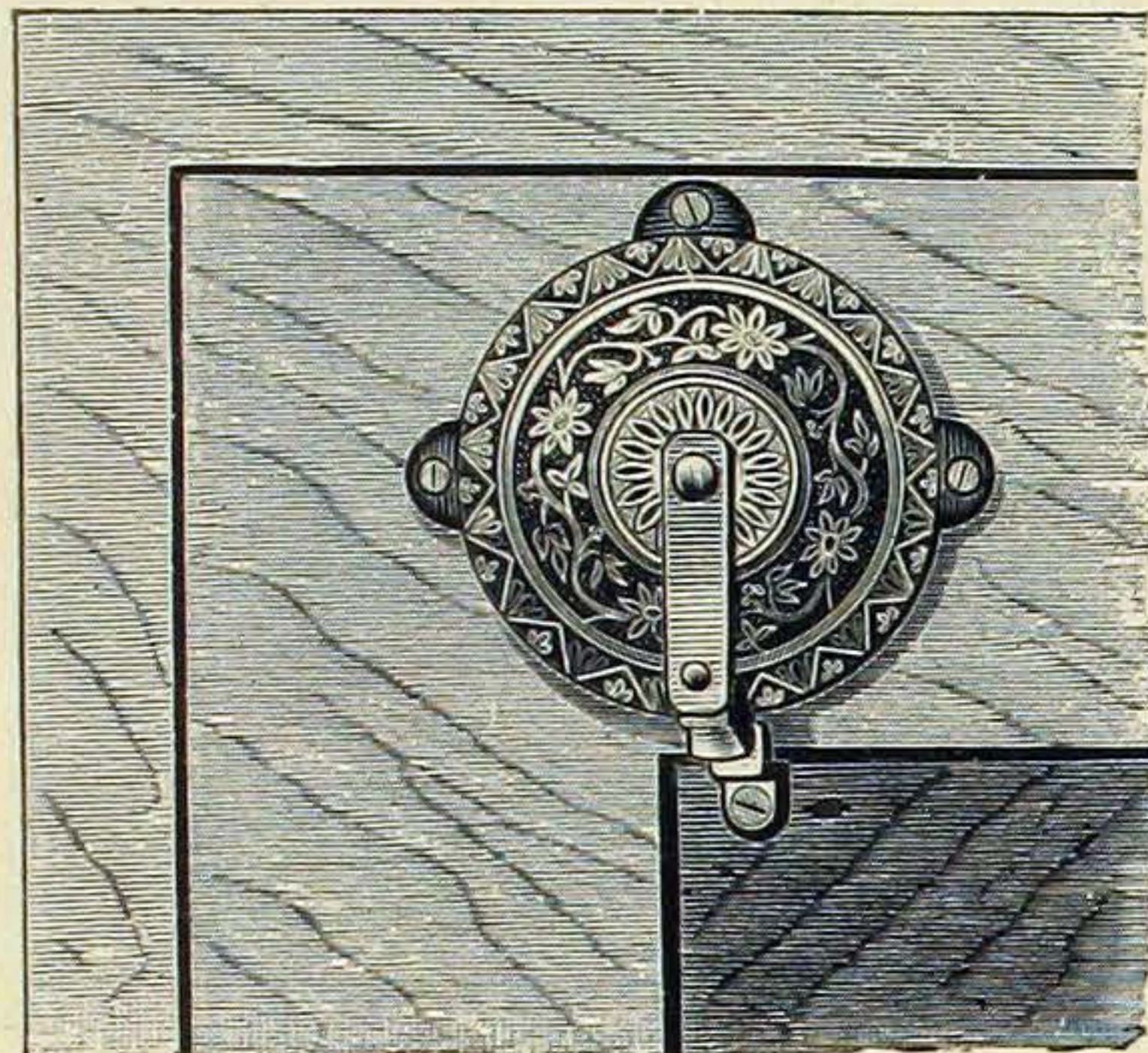
Nos. 1 to 8 inclusive, per lb.,	Outside			White
	Rough.	Polished.	Polished.	Metal.
	\$0.66	\$0.69	\$0.72	\$0.75

Weight and Dimensions of House Bells.

Nos.,	1	2	3	4	5	6	7	8
Diameter,	$2\frac{3}{16}$	$2\frac{3}{8}$	$2\frac{5}{8}$	$2\frac{13}{16}$	$3\frac{1}{8}$	$3\frac{7}{16}$	$3\frac{3}{4}$	4 in.
Weight per doz.,	$2\frac{1}{2}$	3	4	5	$5\frac{3}{4}$	$7\frac{3}{4}$	10	$11\frac{3}{4}$ lbs.

Snap bells weigh and measure the same, plus snaps, which weigh 8 ozs. per dozen.

THE BARTON DOOR BELLS.



Door Alarm Bells.

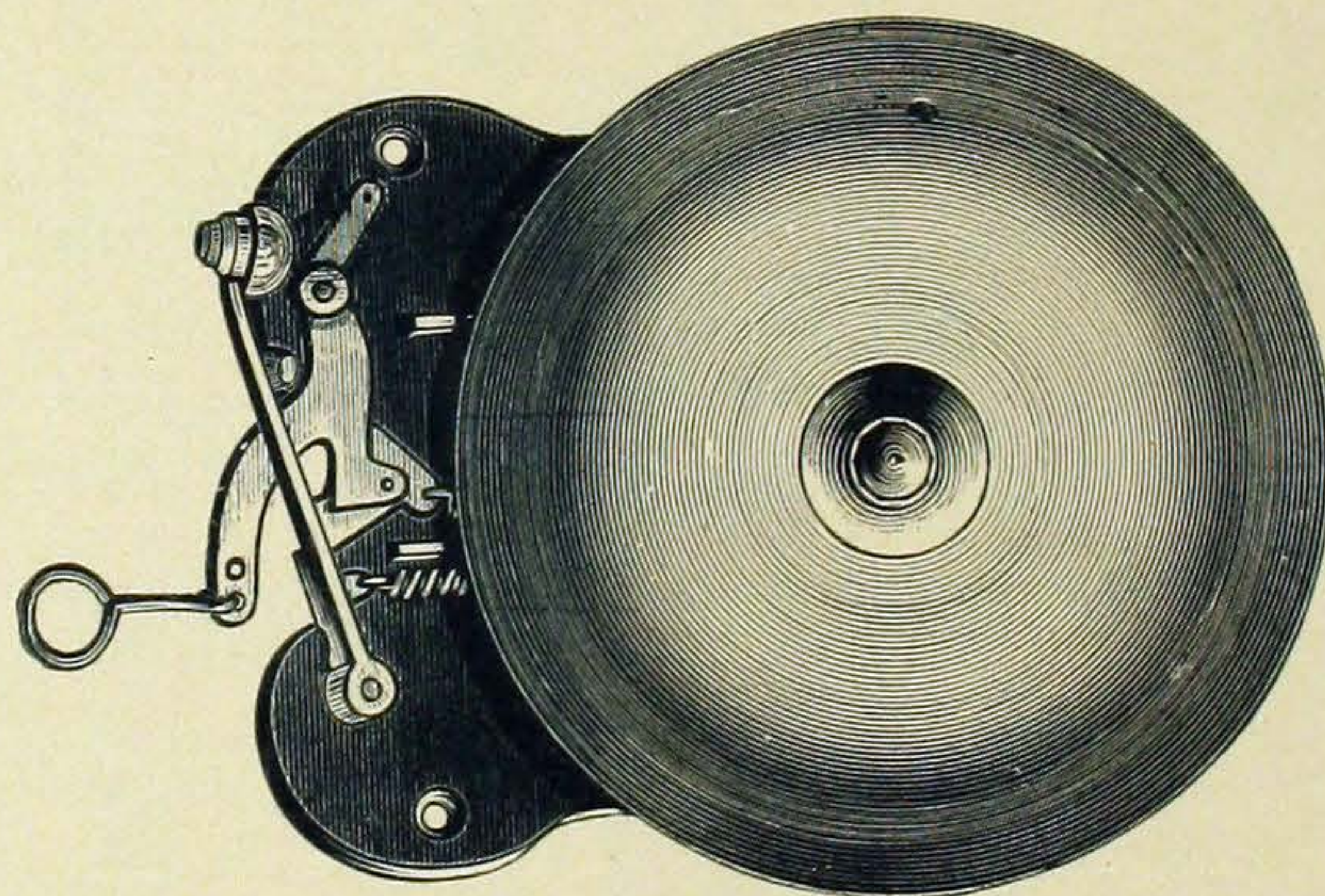
Polished Bell metal, plain,	per dozen, \$10.00
Silver white bell metal, plain,	" 11.00
Bronzed steel, plain,	" 5.00
Fancy gilt (see cut),	" 8.00

Packed one in paper box.

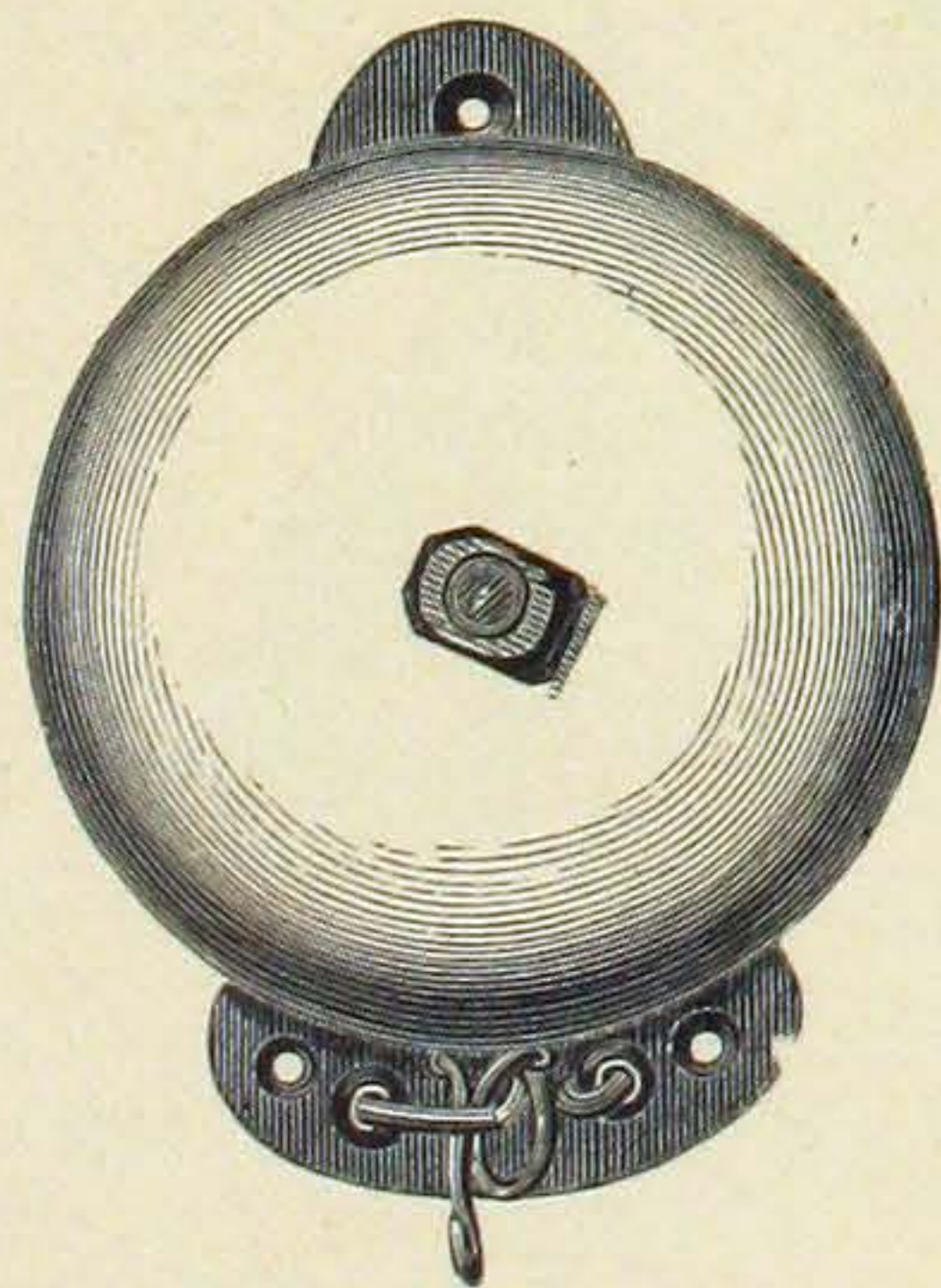
Outside Trip Gong Bells.

Polished Bell Metal.

3	4	5	6	7	8 inch.
\$10.00	12.50	16.50	24.00	34.00	46.00 per doz.
10	12	14	16	18 inch.	
\$84.00	150.00	212.00	260.00	310.00 per doz.	



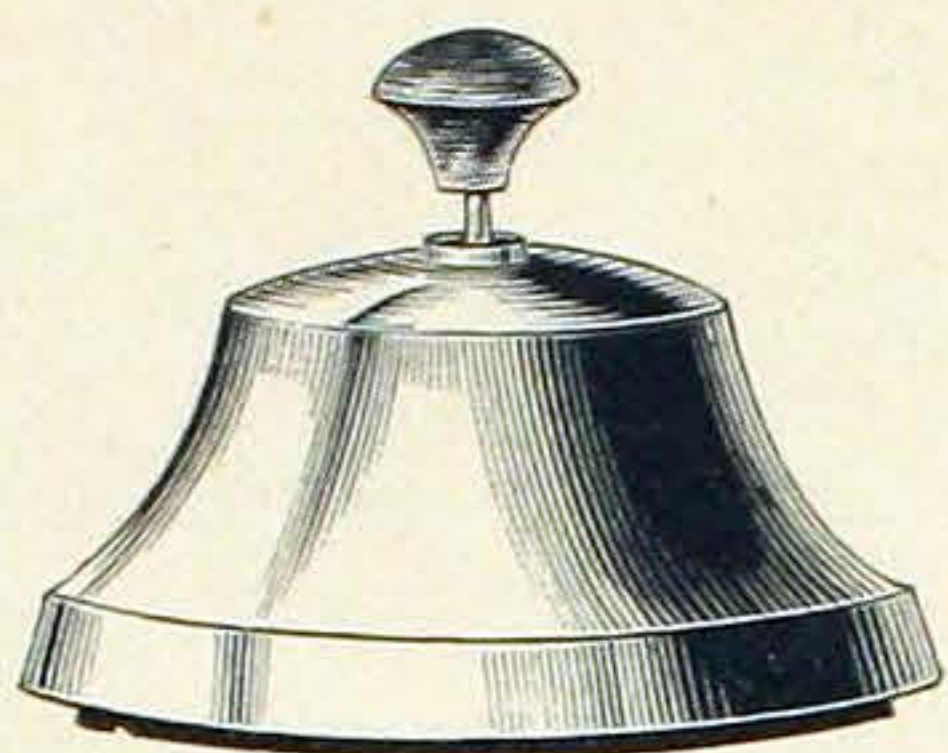
The "Barton Gong" Door Bell.



	3	4	5	6 inch.
Polished,	\$8.00	10.00	14.00	29.00 per doz.
Silver white,	8.80	11.00	15.40	22.00 "
Bronzed Steel,	4.00	5.00	7.00	10.00 "
	7	8	10	12 inch.
Polished,	\$28.00	40.00	63.00	120.00 per doz.
Silver white,	30.80	44.00	69.30	132.00 "
Bronzed steel,	14.00	20.00	31.50	60.00 "

BARTON'S CALL BELLS.

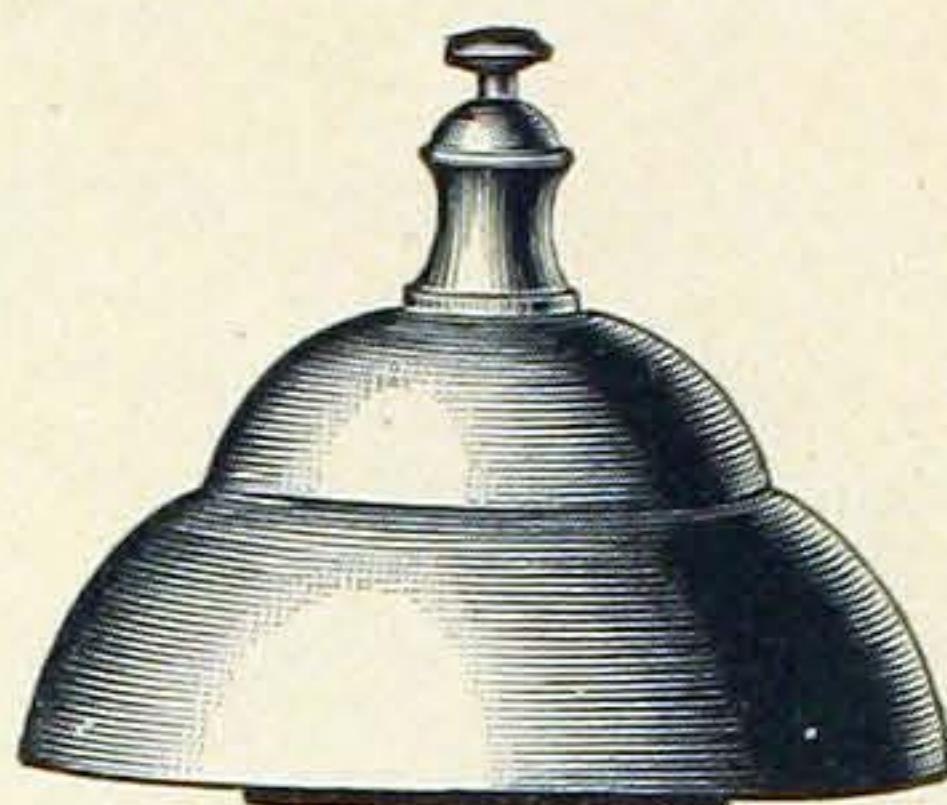
BARTON'S PATENT.



Silver White Finish.

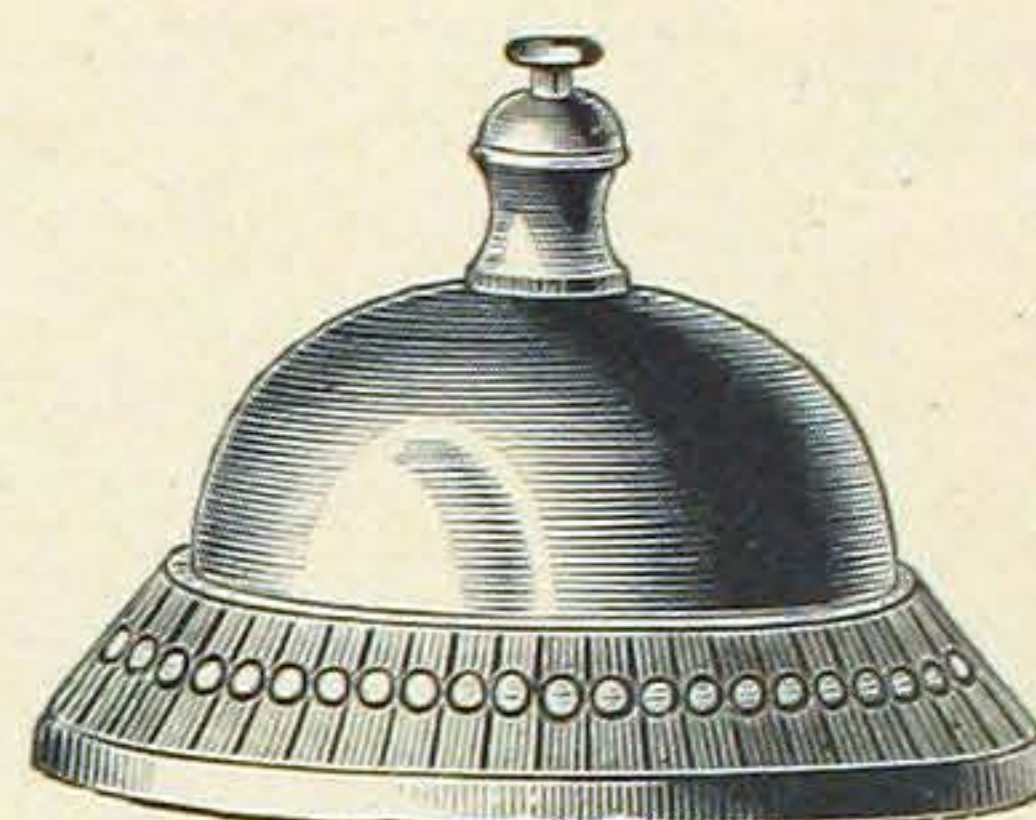
No. 51, 2½ in. diameter, per gro. \$30 00
 " 52, 3 " " " 40 00

BARTON'S PATENT.



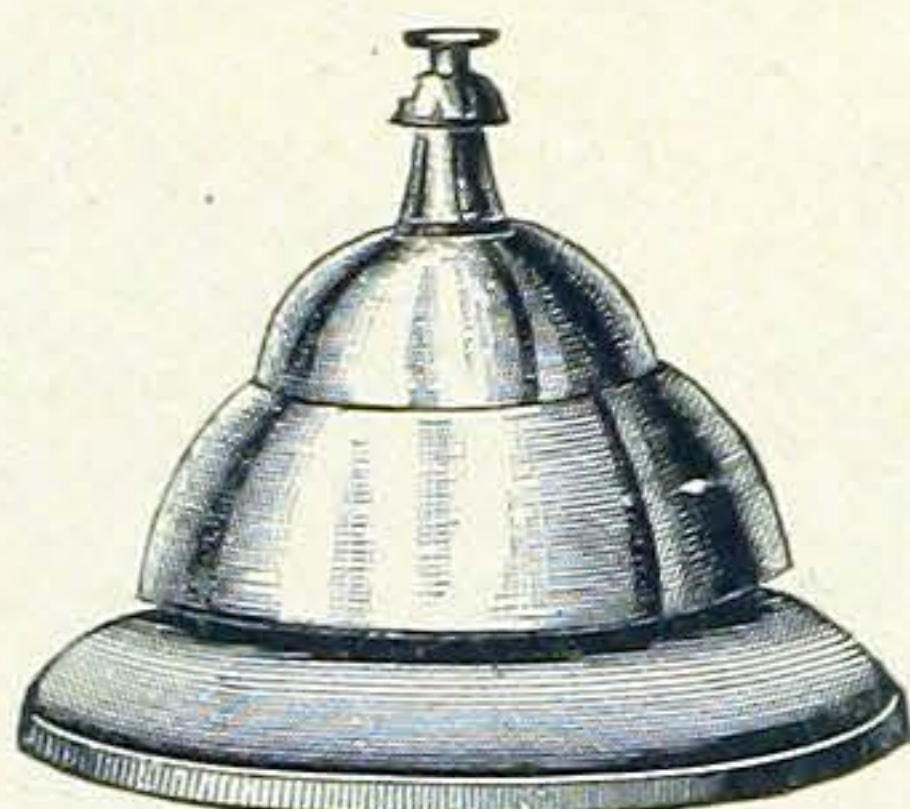
Nickel Plated.

No. 55, 2½ in. diameter, per gro. \$40.00
 " 56, 3 " " " 54 00
 One dozen in paper box.



No. 62, Silver white finish, per
 dozen, . . . \$6.50

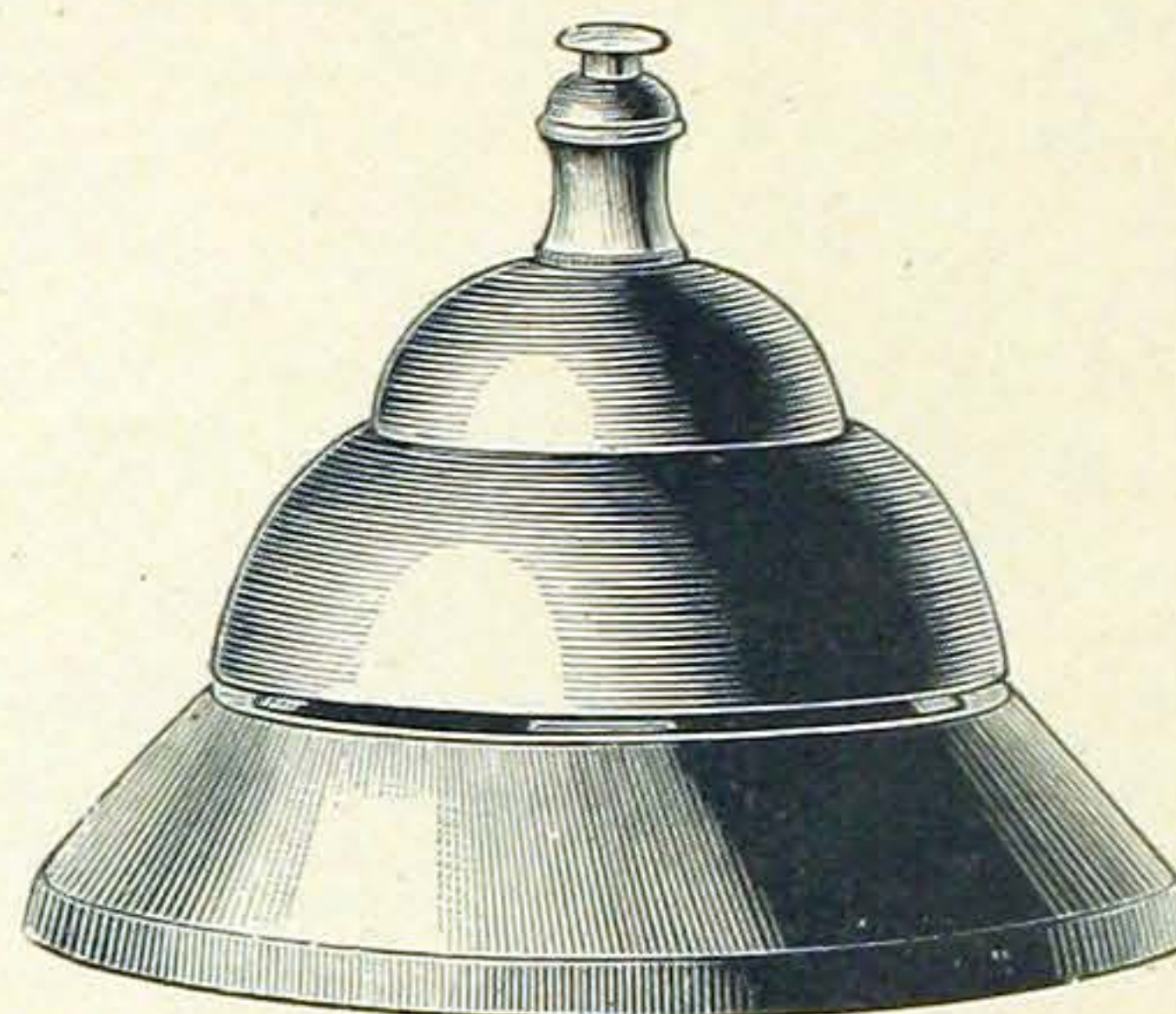
BARTON'S PATENT.



Cocobola Base.

No. 11, Silver plated bell, 2½ in.,	per doz., \$7.30
" 12, " " " 3 "	" 9.00
" 21, Gold plated bell, 2½ "	" 7.30
" 22, " " " 3 "	" 9.00
" 31, Nickel plated bell, 2½ "	" 6.50
" 32, " " " 3 "	" 8 20

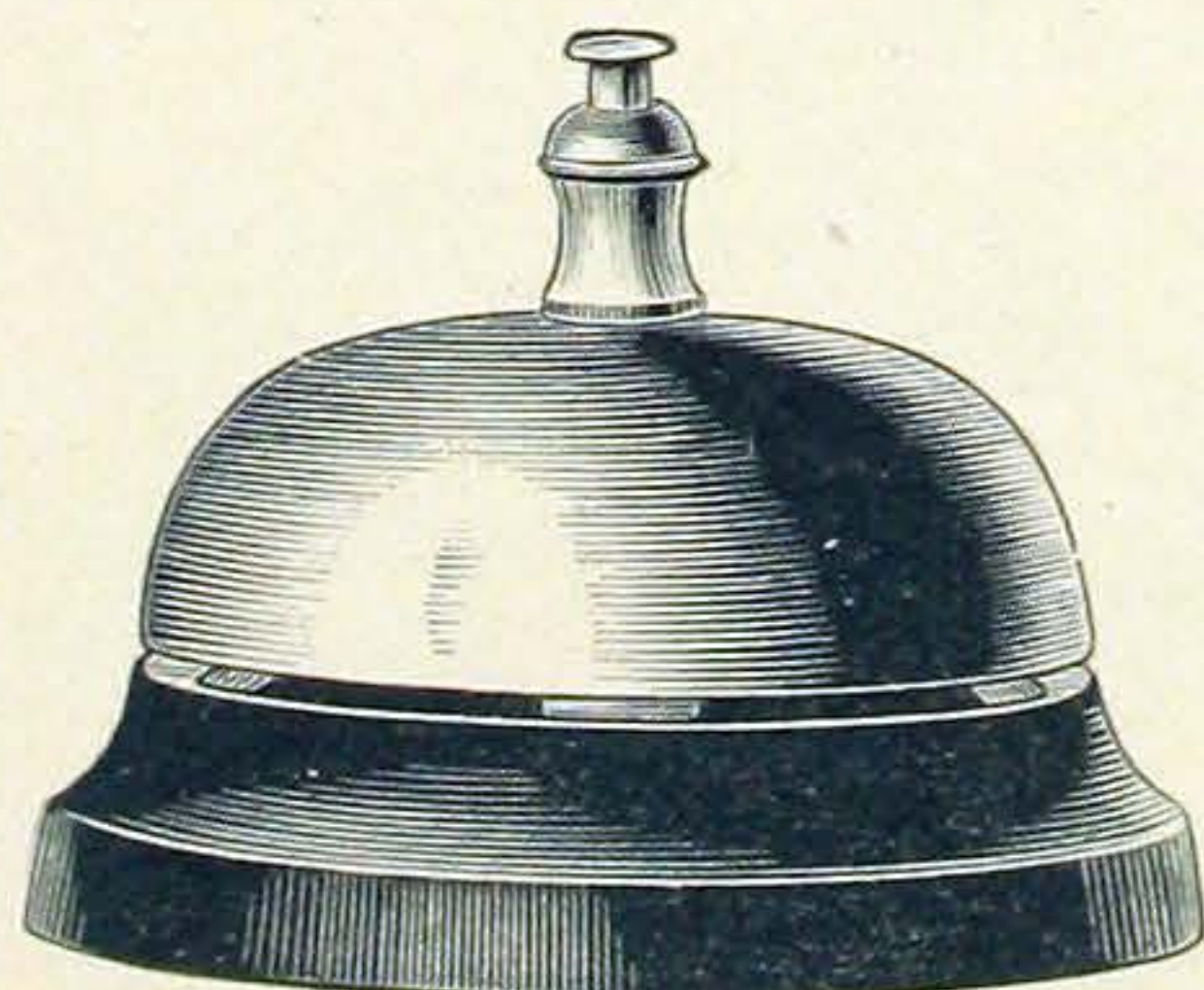
Packed one in a paper box.



Silver Plated Bell.

Bronze Metal Base, Silver Plated.

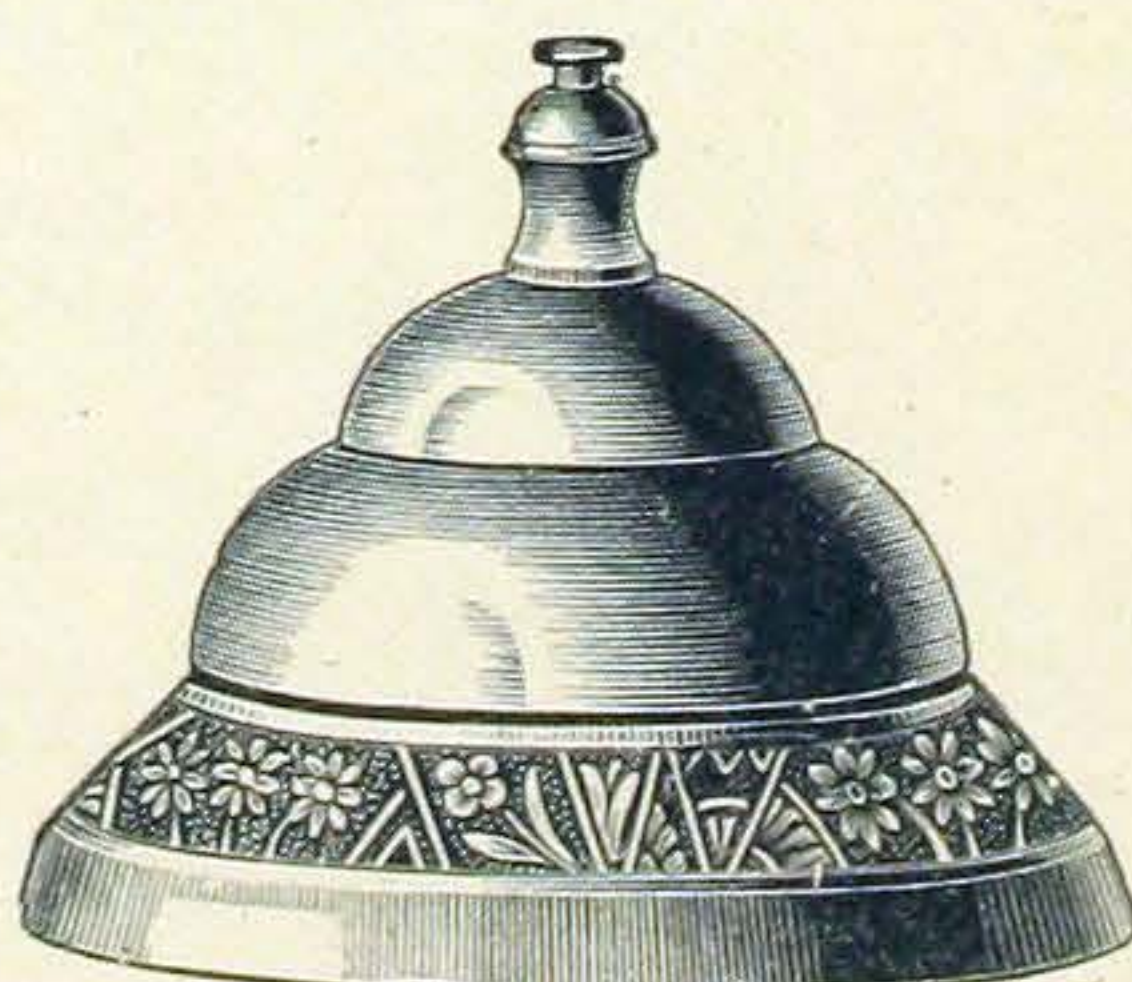
No. 95. per dozen, \$12.00
 One in paper box.



Silver White Bell.

Japaned Iron Base.

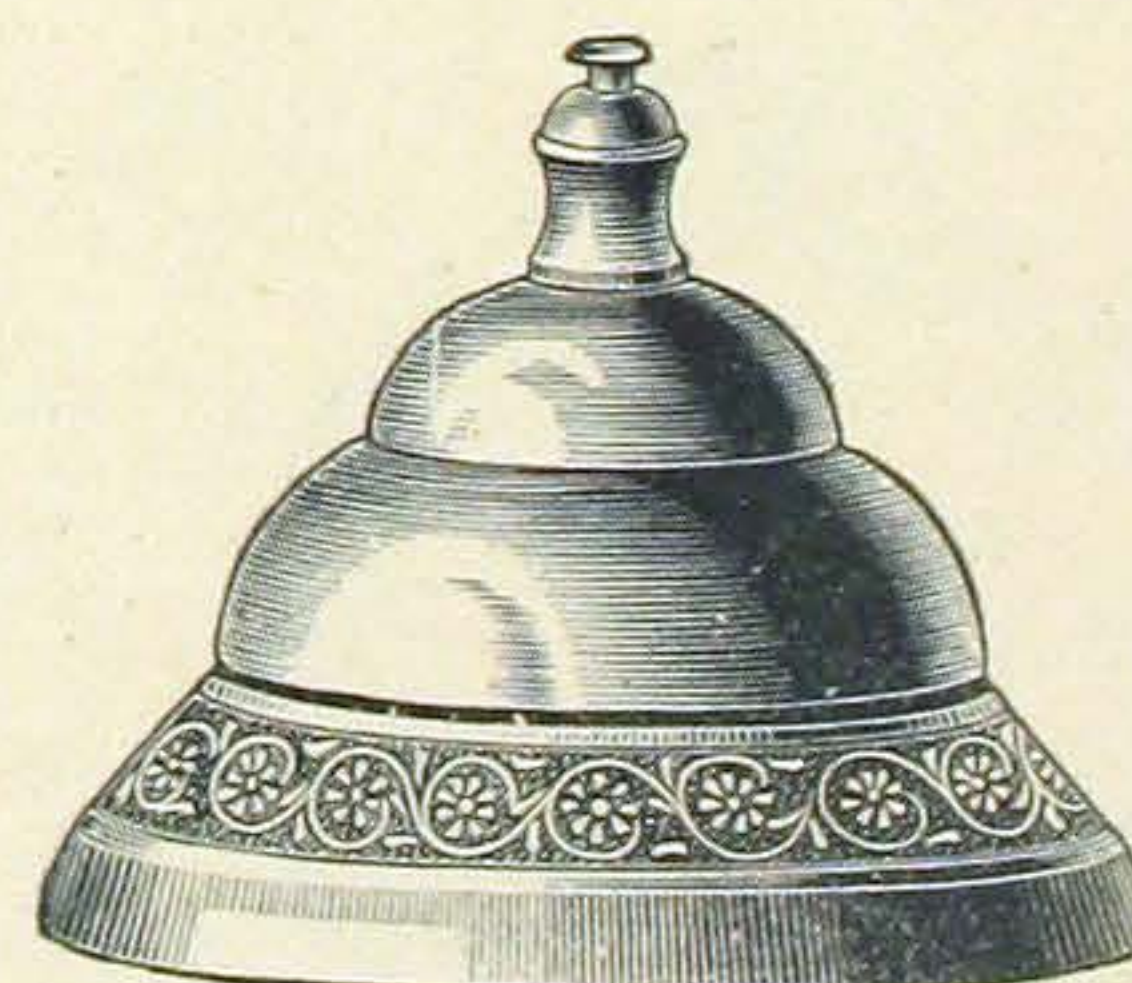
No 71, . . . per doz., \$6.50
 One dozen in paper box.



Silver White Bell.

Gilt Iron Base.

No. 81, . . . per doz, \$8.50
 One dozen in paper box.

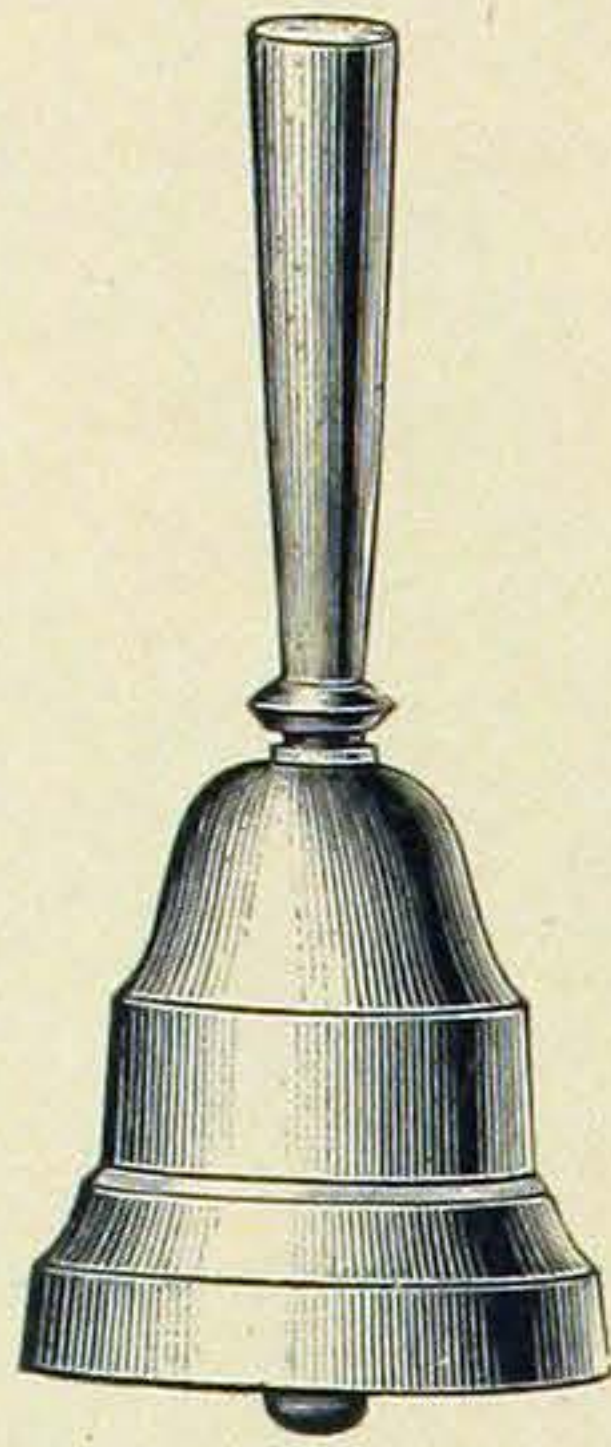


Nickel Plated Bell.

Bronze Metal Base, Nickel Plated.

No. 91, . . . per doz., \$10.00
 One in paper box.

Garland Tea Bells.



METAL HANDLES.

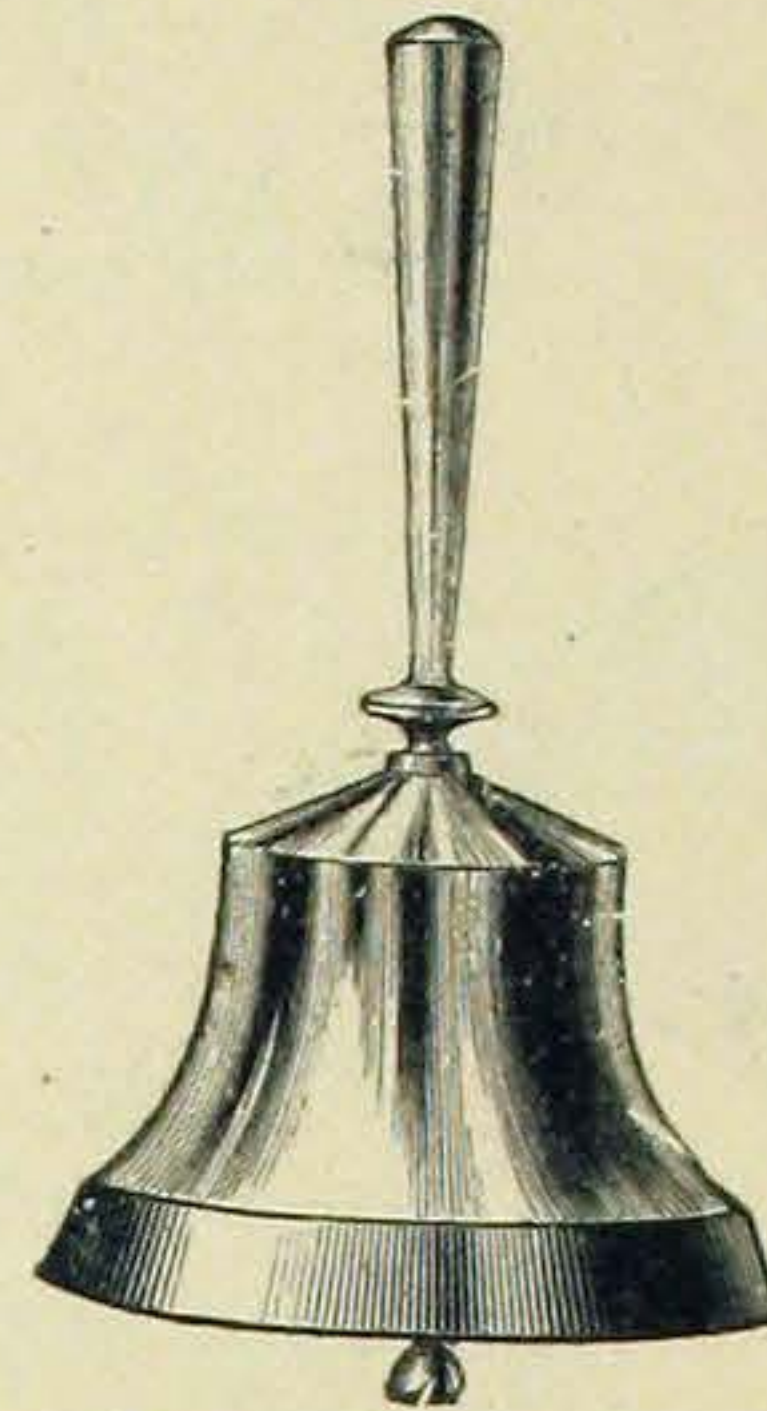
No. 202, Gold plated,	per doz., \$9.00
" 212, Silver "	" 9.00
" 222, Nickel "	" 8.20

COCOBOLA HANDLES.

No. 252, Gold plated,	per doz., \$9.00
" 262, Silver "	" 9.00
" 272, Nickel "	" 8.20

One in paper box.

Concave Tea Bells.



NICKEL SILVER FINISH.

No. 131, with Metal handles,	per gross, \$50.00
" 132, " " "	" 60.00
" 181, " Cocobola "	" 50.00
" 182, " " "	" 60.00

Packed one dozen in paper box.

Dome Tea Bells.

MADE OF PURE BELL METAL.

METAL HANDLES.

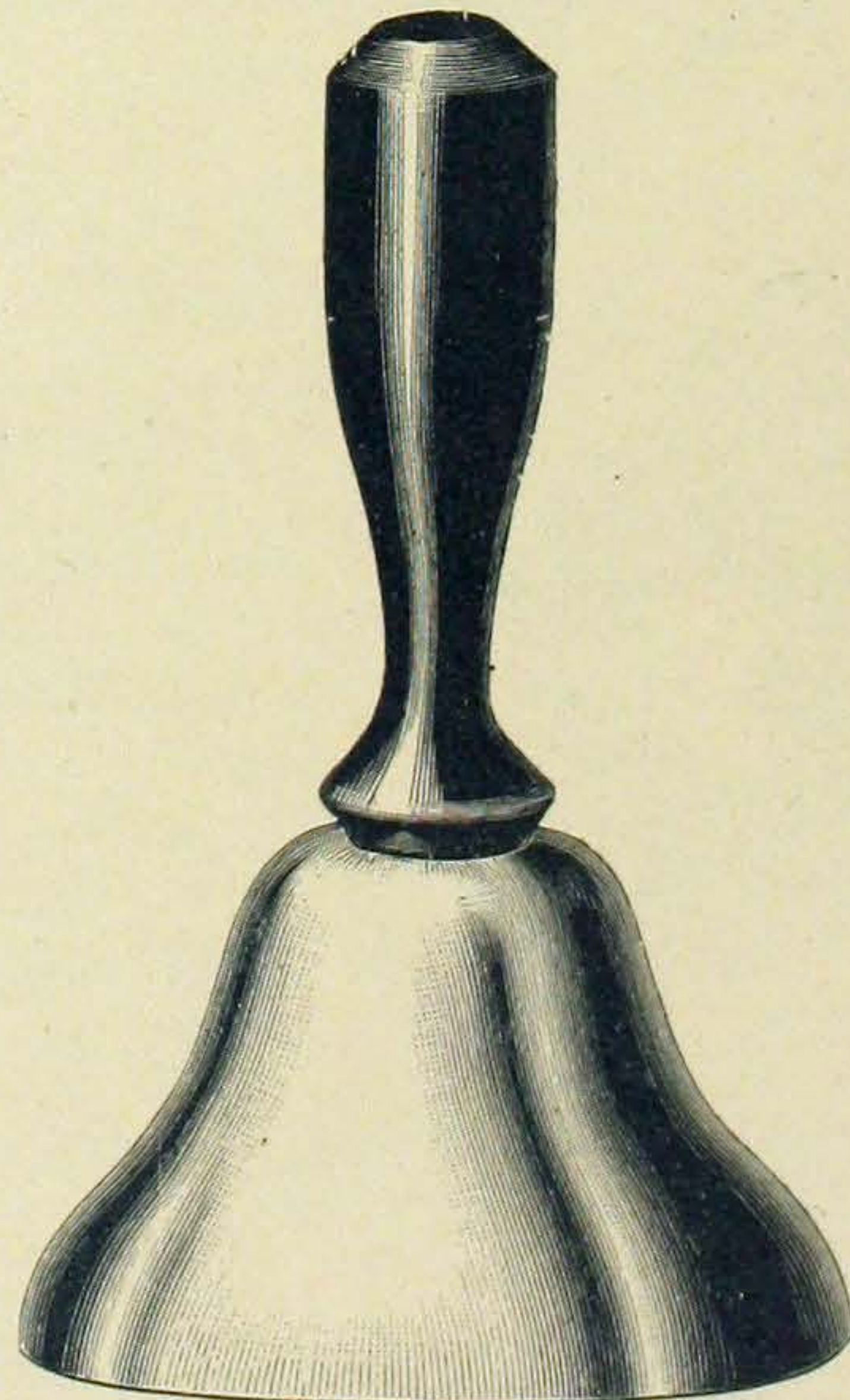
No. 101, Gold plated, 2½ inches,	per dozen, \$7.30
" 102, " " 3 "	" 9.00
" 111, Silver " 2½ "	" 7.30
" 112, " " 3 "	" 9.00
" 121, Nickel " 2½ "	" 6.50
" 122, " " 3 "	" 8.20

COCOBOLA HANDLES.

No. 151, Gold plated, 2½ inches,	per dozen, \$7.30
" 152, " " 3 "	" 9.00
" 161, Silver " 2½ "	" 7.30
" 162, " " 3 "	" 9.00
" 171, Nickel " 2½ "	" 6.50
" 172, " " 3 "	" 8.20

One in paper box.

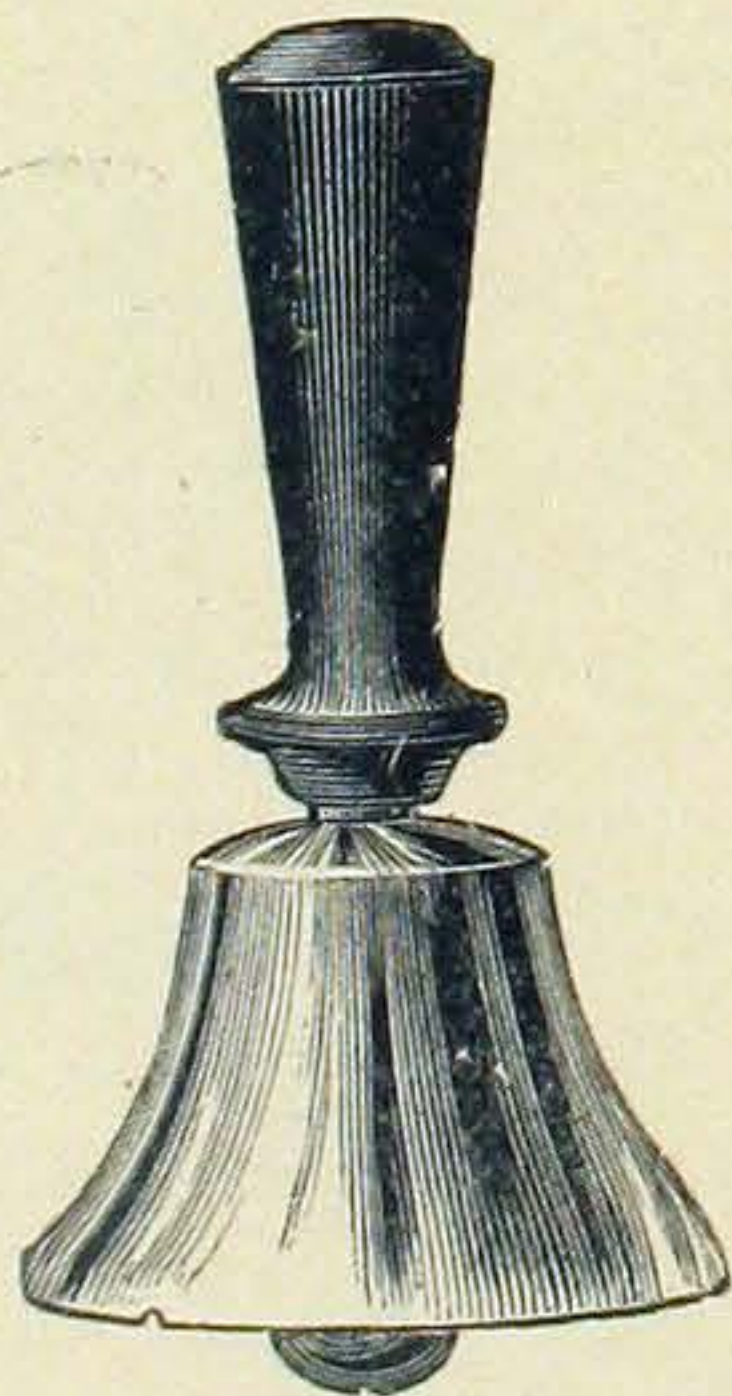
Brass Tea Bells.



No. 5,	per gross, \$4.44
" 10,	" 8.00

One dozen in paper box.

Common Tea Bells.



BLACK EMAMELED HANDLES.

	POLISHED.	SILVER WHITE.	NICKEL PLATED.
No. 00, 1⅞ inches, per gross,	\$10.00	\$15.00	\$18.00
" 0, 2⅛ "	17.00	18.50	22.00
" 1, 2⅜ "	19.50	21.50	25.00
" 2, 2⅞ "	25.50	27.00	32.00
" 3, 3⅛ "	33.00	35.50	40.00

One dozen in paper box.

AGENTS FOR
THE NEW DEPARTURE BELL CO.



Our bells are a "New Departure."
They give correct electrical results.
Easier to wind than to look out for a battery.
Only necessary to wind two or three times yearly.
Wound by turning gong; a key or knob is dispensed with.
The strongest and most simple in construction.

The most attractive in style and finish.

No other so easily adjusted to door or casing.

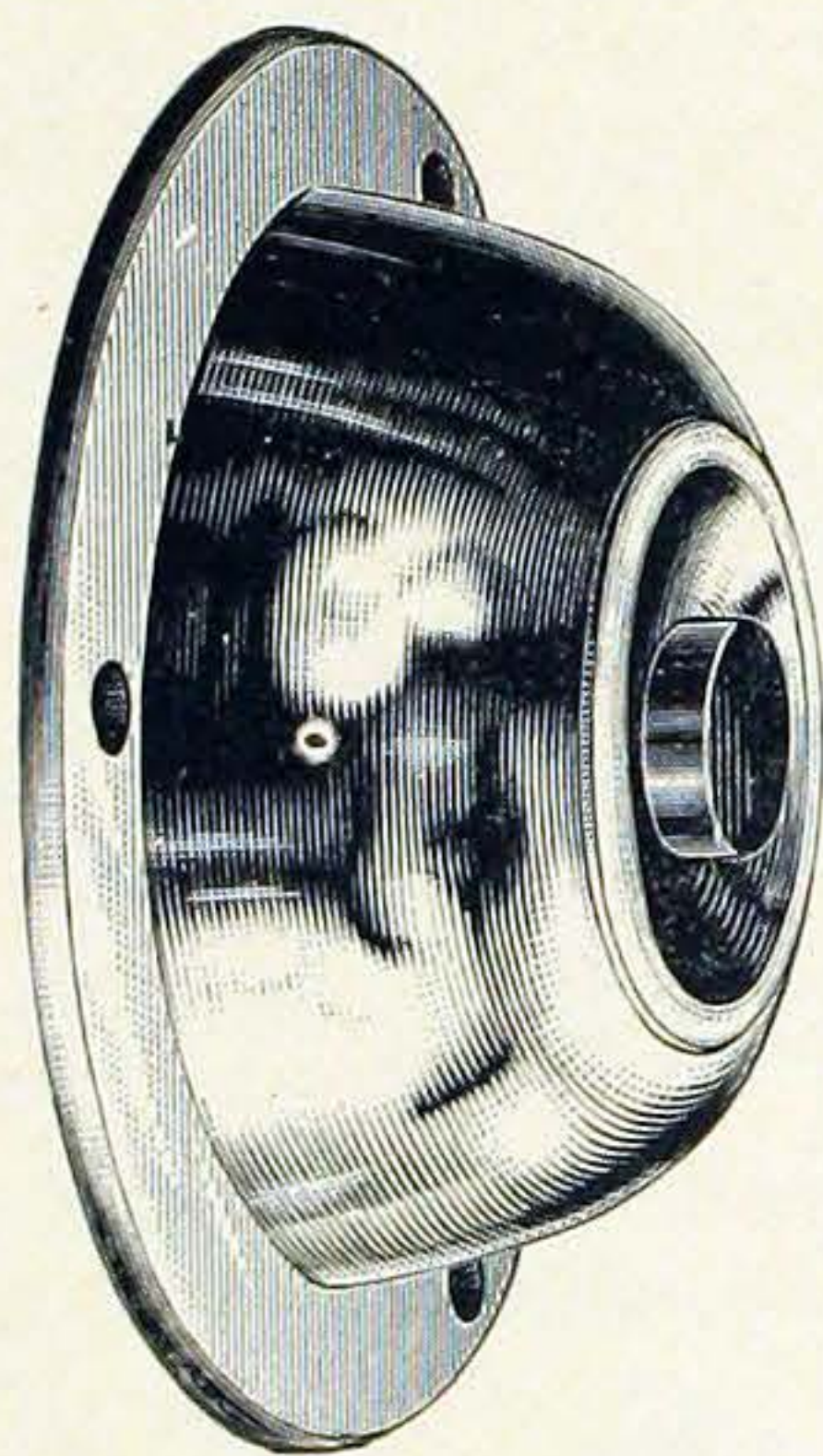
We can state truthfully that any bells similar to ours, and not made under one of the following patents, is an infringement, and should be so considered by you in so far as we have or deserve your confidence.

PATENTS.—United States: Oct. 2, 1883; Aug. 10, 1886; Sept. 3, 1889; Sept. 10, 1889; Sept. 17, 1889; Oct. 29, 1889; Oct. 29, 1889; April 22, 1890; June 10, 1890; July 8, 1890. Canadian: Oct. 12, 1889; May 22, 1890; May 29, 1890. English; Sept. 17, 1889. Others pending.

Respectfully yours,

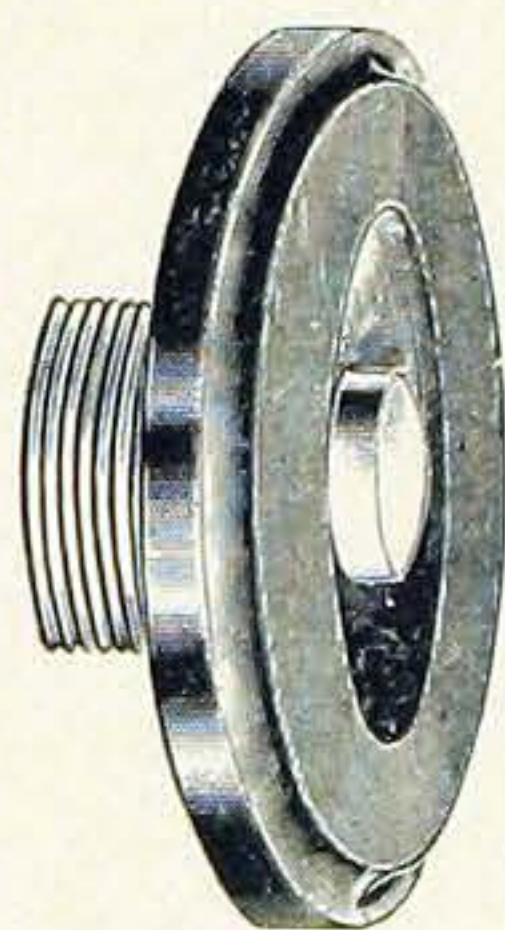
THE NEW DEPARTURE BELL CO.

Button Cases included with all bells operated with a Push Button, without extra charge.



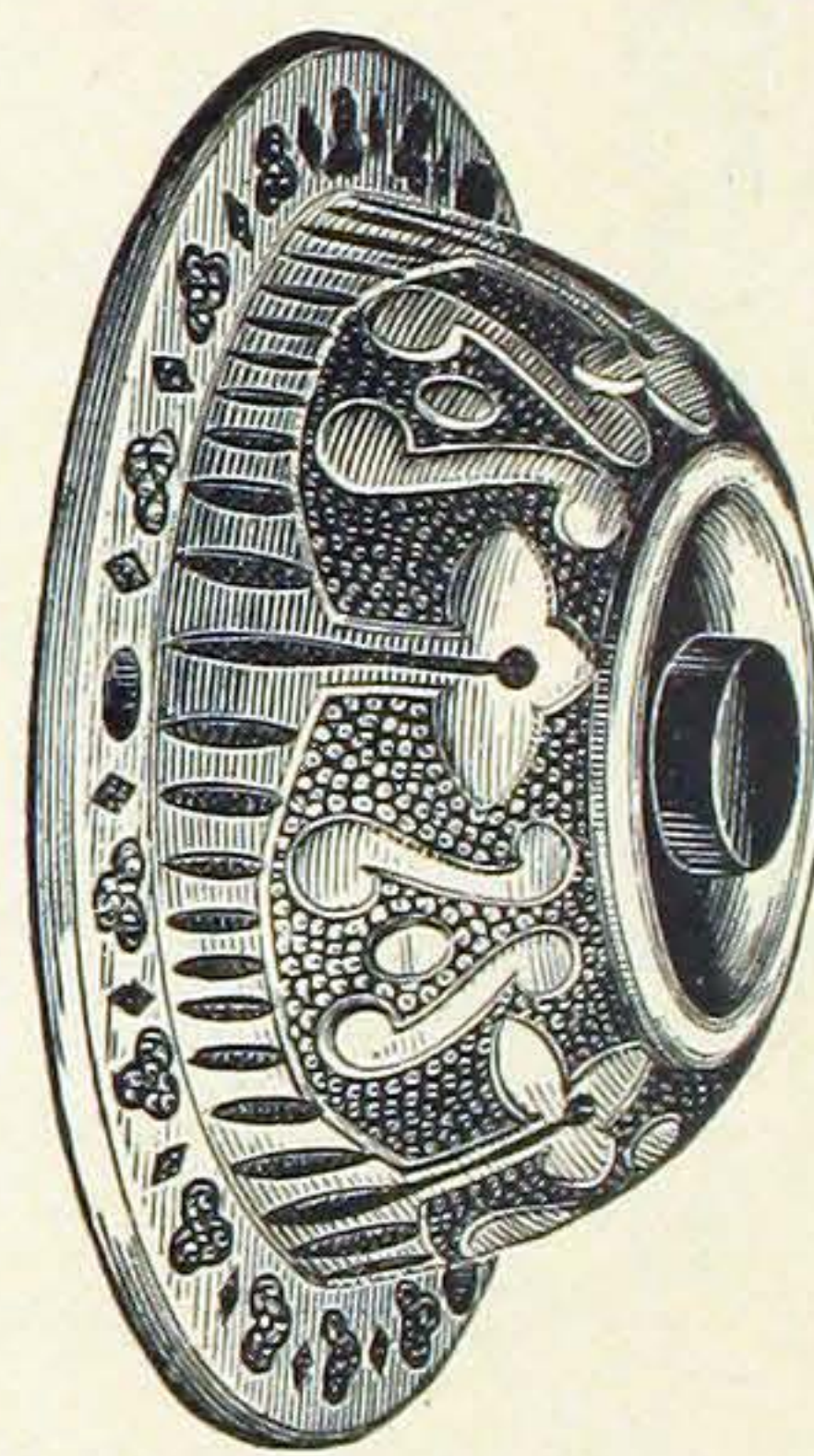
"O" Case.

Finishes Nos. 1, 2, 5, 21, 22.



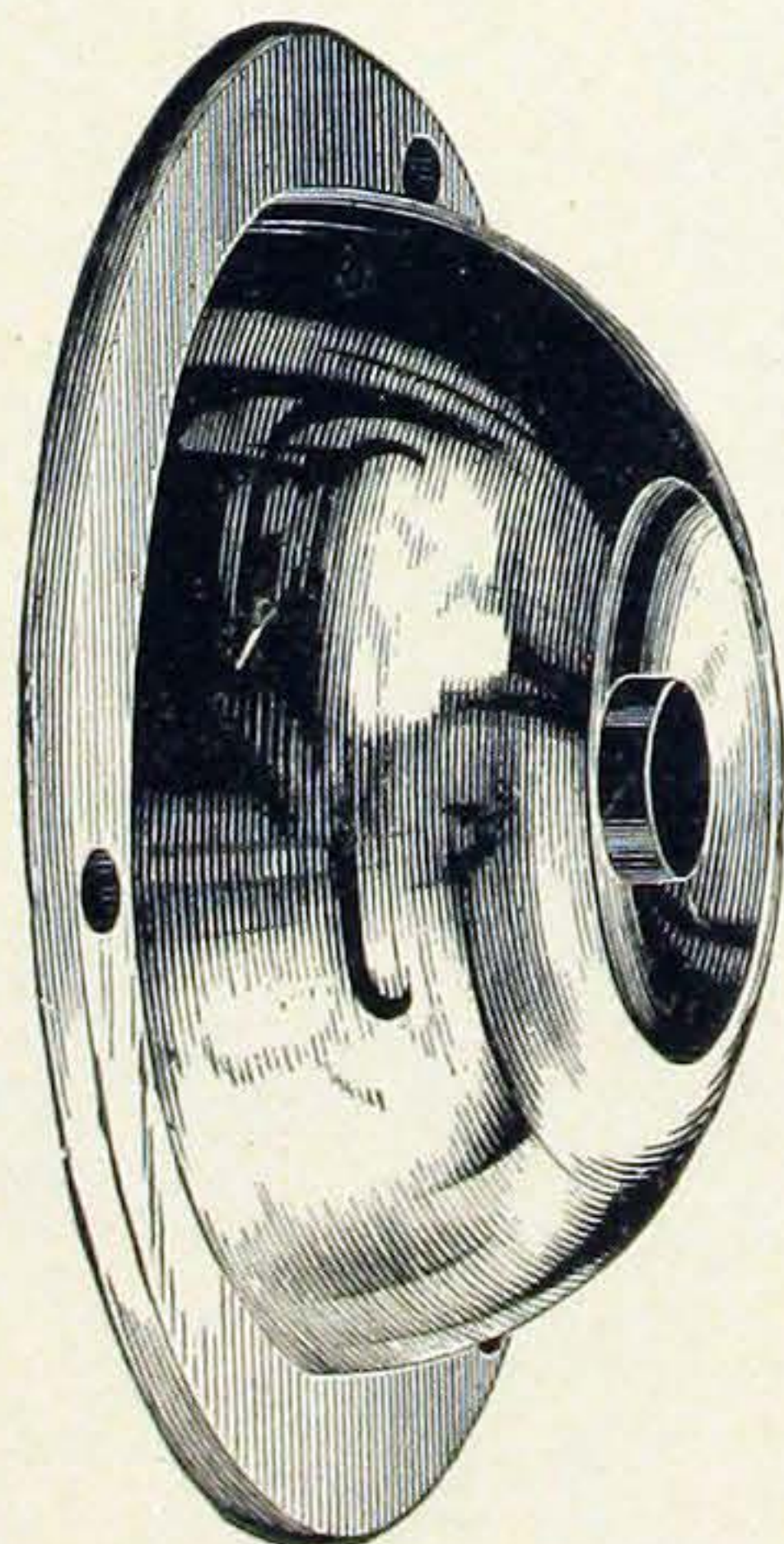
"D" Case.

Finishes Nos. 1, 5, 21.



"A" Case.

Finishes Nos. 1, 2, 3, 4, 5, 15, 21, 22.



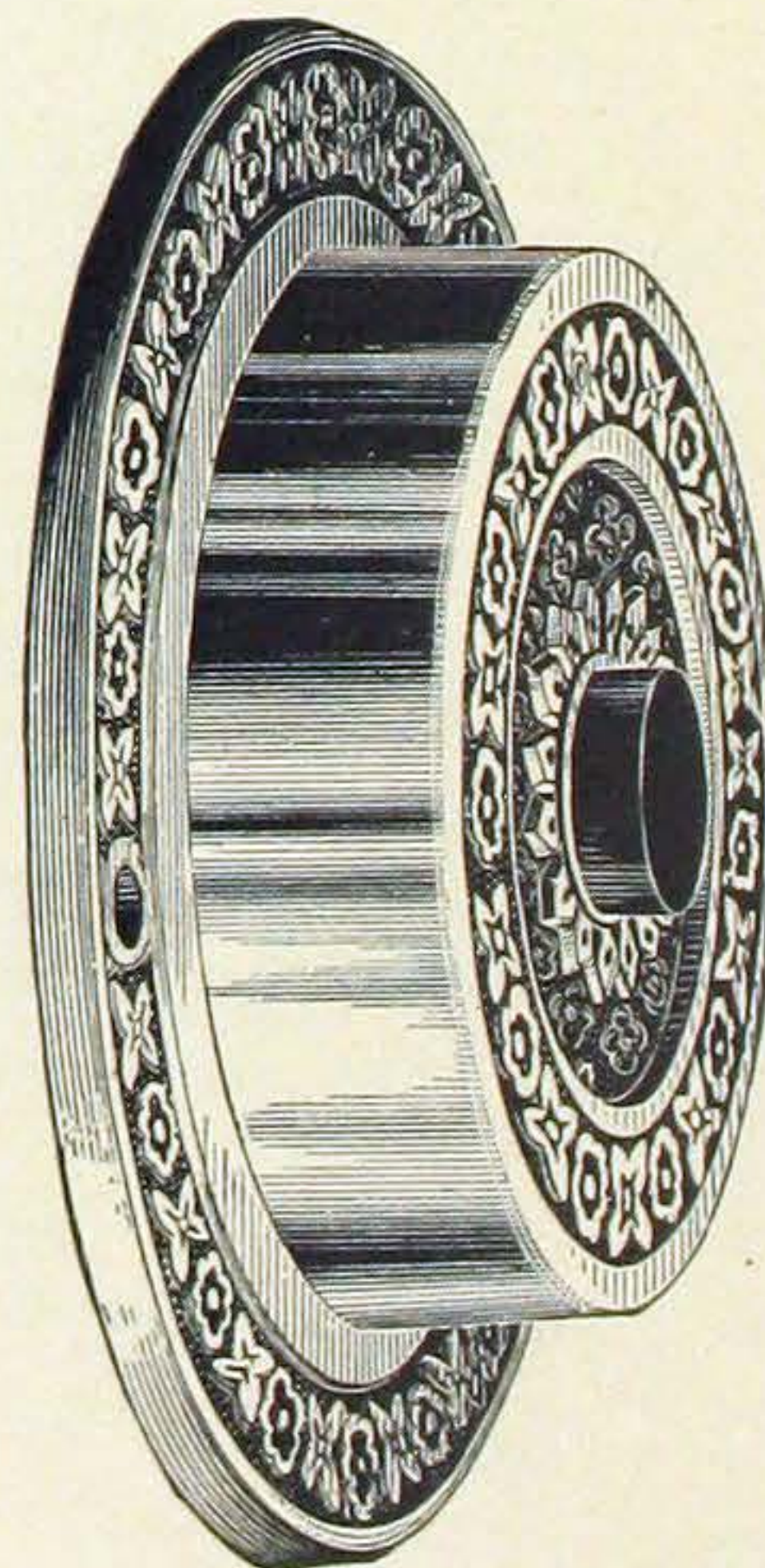
"B" Case.

Finishes Nos. 1, 2, 5, 21, 22.

BUTTON CASE FINISHES ARE AS FOLLOWS:

- No. 1. Natural bronze.
- " 2. Amber brown.
- " 3. Bronze, with black background.
- " 4. " " brown "
- " 5. Nickel plated.
- " 15. Bronze, with green background.
- " 21. Bright iron on bronze.
- " 22. Old copper.

If you fail to specify the number of finish of case, we will send No. 1 finish.



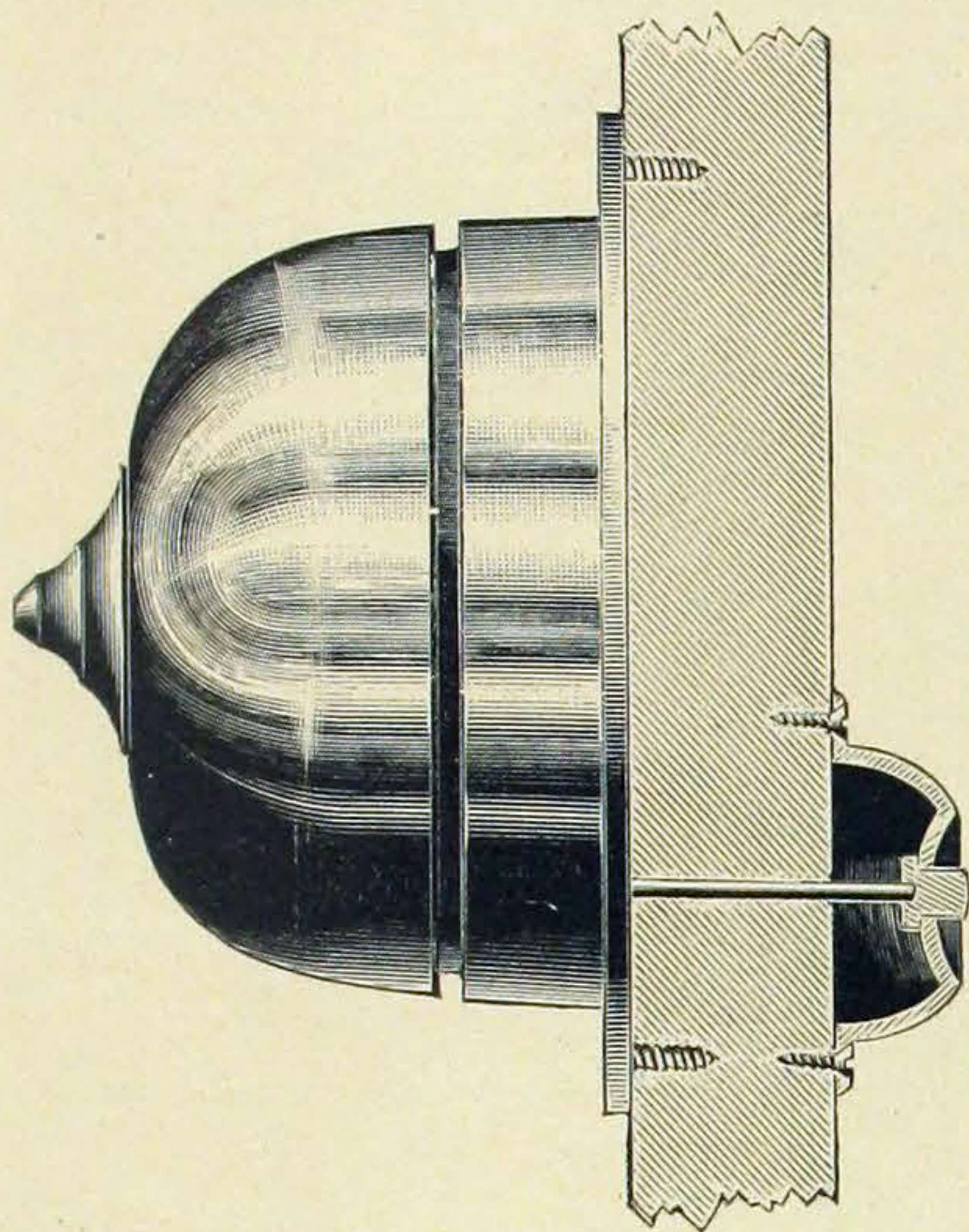
"C" Case.

Finishes Nos. 1, 2, 3, 4, 5, 15, 21, 22.

3-INCH DOOR BELLS.

Operated with Push-Button for Door or Door-Casing. (About 300 Ordinary Rings for Each Winding.)

Designed for small houses, or those without halls. Especially adapted for hotel rooms, so that a guest may be awakened by the porter without disturbing others in adjoining rooms.



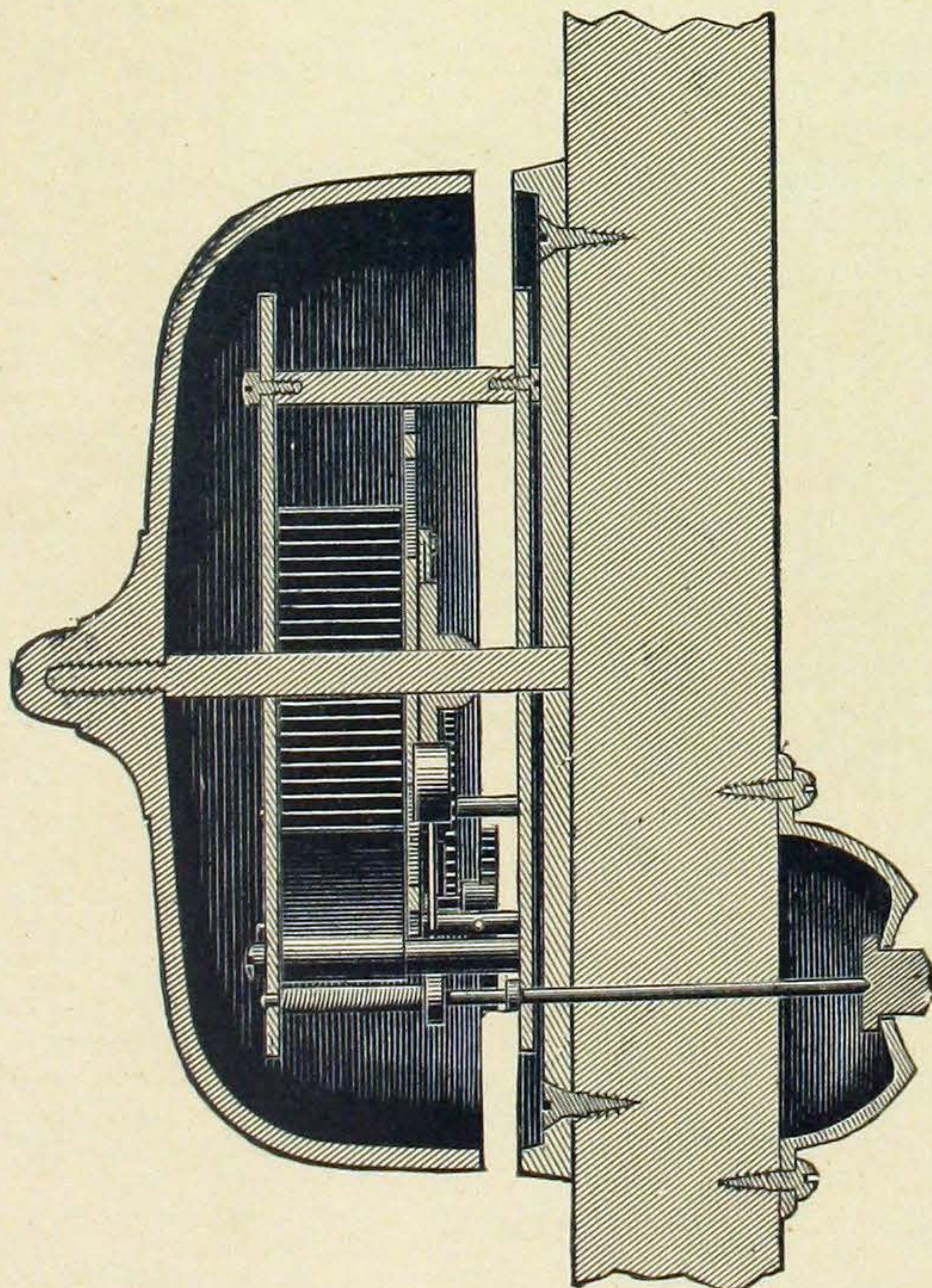
No. 105, Brass gong,	O case,	per doz.,	\$24.00
" 205, "	A "	"	24.00
" 305, "	B "	"	24.00
" 405, "	C "	"	24.00
" 505, "	D "	"	24.00
" 110, Nickel-plated gong,	O "	"	24.00
" 210, " "	A "	"	24.00
" 310, " "	B "	"	24.00
" 410, " "	C "	"	24.00
" 510, " "	D "	"	24.00

Button cases shown on page 204.

3 1/2-INCH DOOR BELLS.

Operated with Push-Button for Door or Door-Casing. (About 150 Ordinary Rings for Each Winding.)

Capacity not equal to our regular 3, 4, and 5-inch sizes, though they are in appearance similar to them as shown on opposite page. Will compare favorably in style, finish and price, with any other kind of bell on the market.



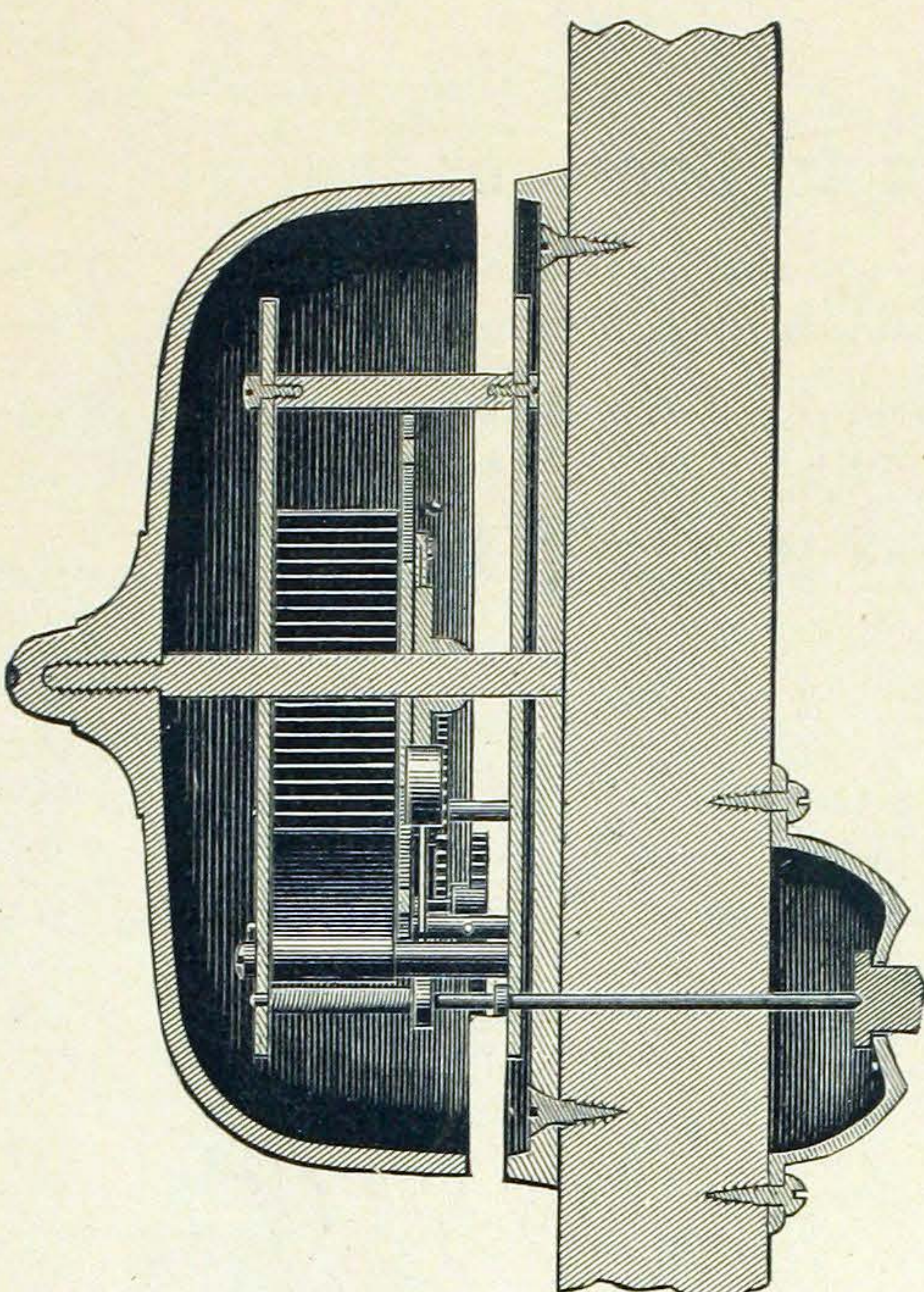
No. 115, Brass gong,	O case,	per doz.,	\$20.00
" 215, "	A "	"	20.00
" 315, "	B "	"	20.00
" 415, "	C "	"	20.00
" 515, "	D "	"	20.00
" 120, Nickel-plated gong,	O "	"	20.00
" 220, " "	A "	"	20.00
" 320, " "	B "	"	20.00
" 420, " "	C "	"	20.00
" 520, " "	D "	"	20.00

Button cases shown on page 204.

NEW DEPARTURE 4-INCH DOOR BELLS.

Operated with Push-Button for Door or Door-Casing
(About 400 Ordinary Rings for Each Winding.)

This is the standard, both for size and results; and, as they do not require winding often, they are superior to the electric.



No. 125,	Brass gong,	O case,	per doz.,	\$32.00
" 225,	"	A "	"	32.00
" 325,	"	B "	"	32.00
" 425,	"	C "	"	32.00
" 525,	"	D "	"	32.00
" 130,	Nickel-plated gong,	O "	"	32.00
" 230,	"	A "	"	32.00
" 330,	"	B "	"	32.00
" 430,	"	C "	"	32.00
" 530,	"	D "	"	32.00

Button cases shown on page 204.

NEW DEPARTURE 5-INCH DOOR BELL.

Operated with Push-Button for Door or Door-Casing. (About 600 Ordinary
Rings for Each Winding.)

This bell is exactly the same as above, on a larger scale, and comparatively a heavier main spring, producing a louder tone, which, of course, can be heard at a greater distance. It is designed for use where it is desired to have a louder ringing bell than the above regular 4-inch size.

No. 135,	Brass gong,	O case,	per doz.,	\$42.00
" 235,	"	A "	"	42.00
" 335,	"	B "	"	42.00
" 435,	"	C "	"	42.00
" 535,	"	D "	"	42.00
" 140,	Nickel-plated gong,	O "	"	42.00
" 240,	"	A "	"	42.00
" 340,	"	B "	"	42.00
" 440,	"	C "	"	42.00
" 540,	"	D "	"	42.00

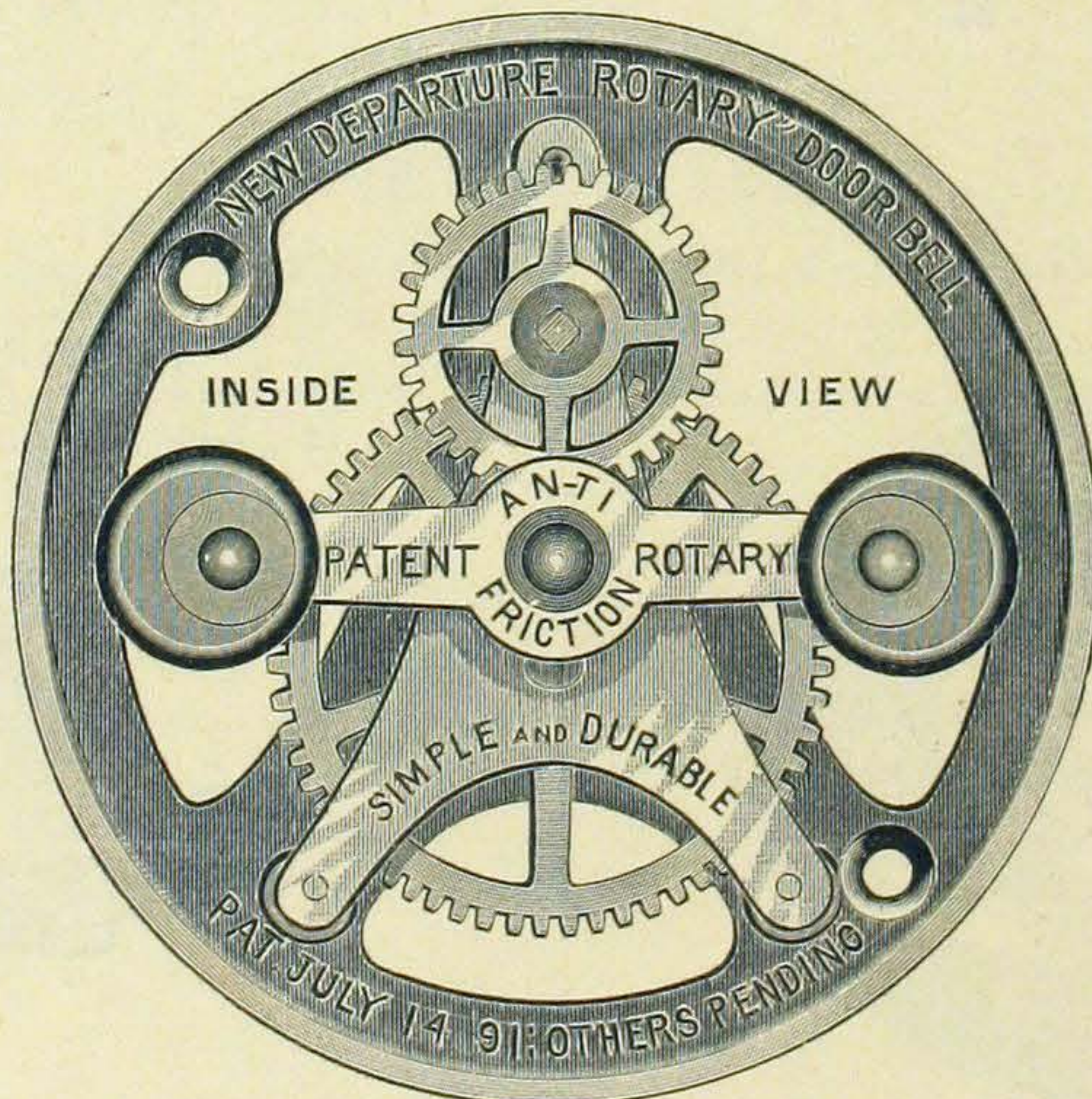
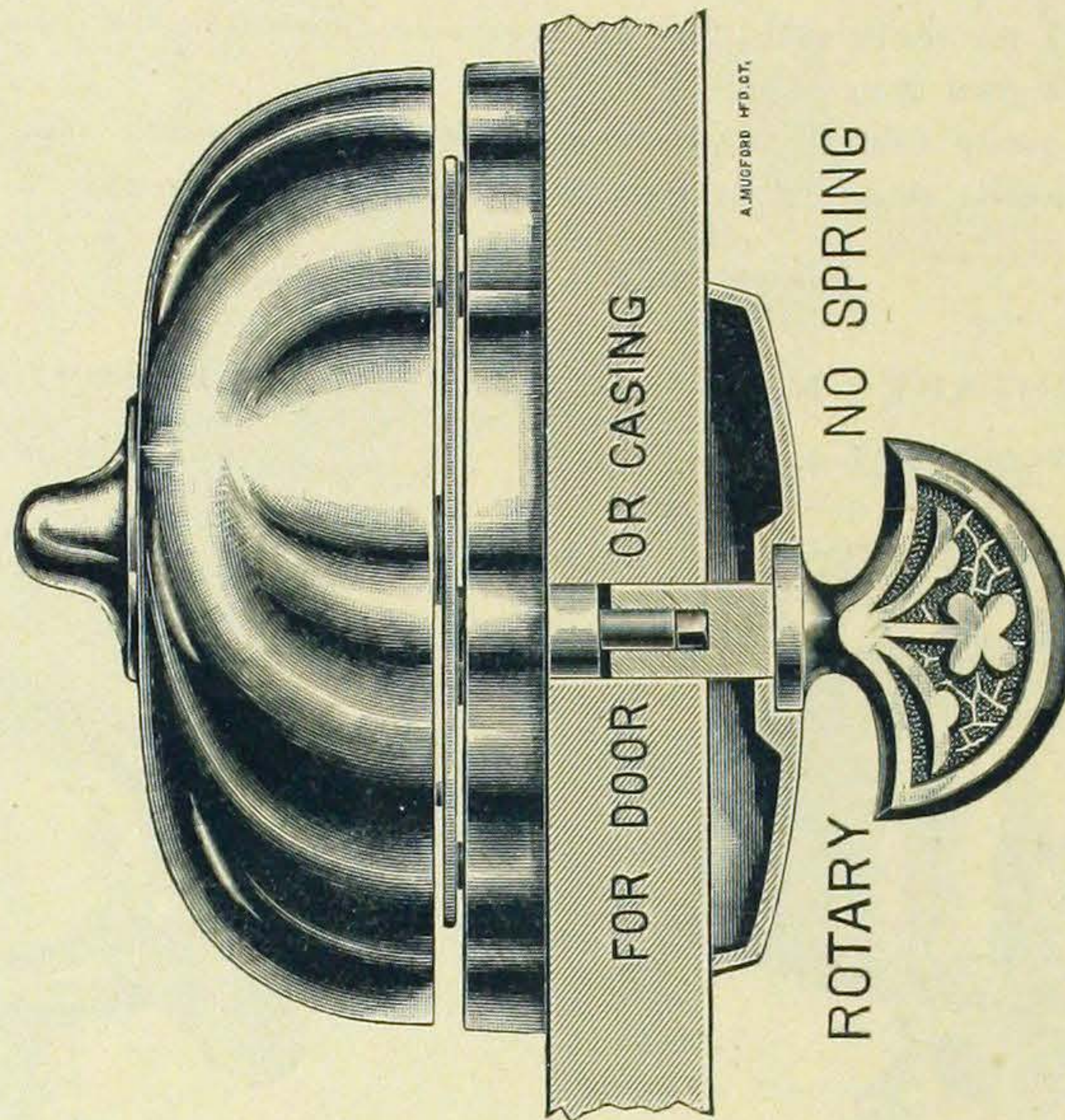
Button cases shown on page 204.

When comparing our bells with others, please consider the quality and style of finish of the trimmings, which must be included.

NEW DEPARTURE "ROTARY" DOOR BELL.

No. 101.

(Patented July 14th, 1891. Others Pending.)



Simply turning the knob about ONE-FOURTH IN EITHER DIRECTION produces about TEN CLEAR, FULL tones, which, though not startling or annoying, can be better heard all through the house than any bell ever made to imitate Electrical Results.

No. 101. Nickel Plated Gong. Bronze Trimming,

Per Dozen, \$24.00

No. 102. Bronze Plated Gong. Bronze Trimmings,

" 24.00

1, 3 and 5 Finishes.

NEW DEPARTURE BICYCLE BELLS.

Double Extra Nickel Plate On All.

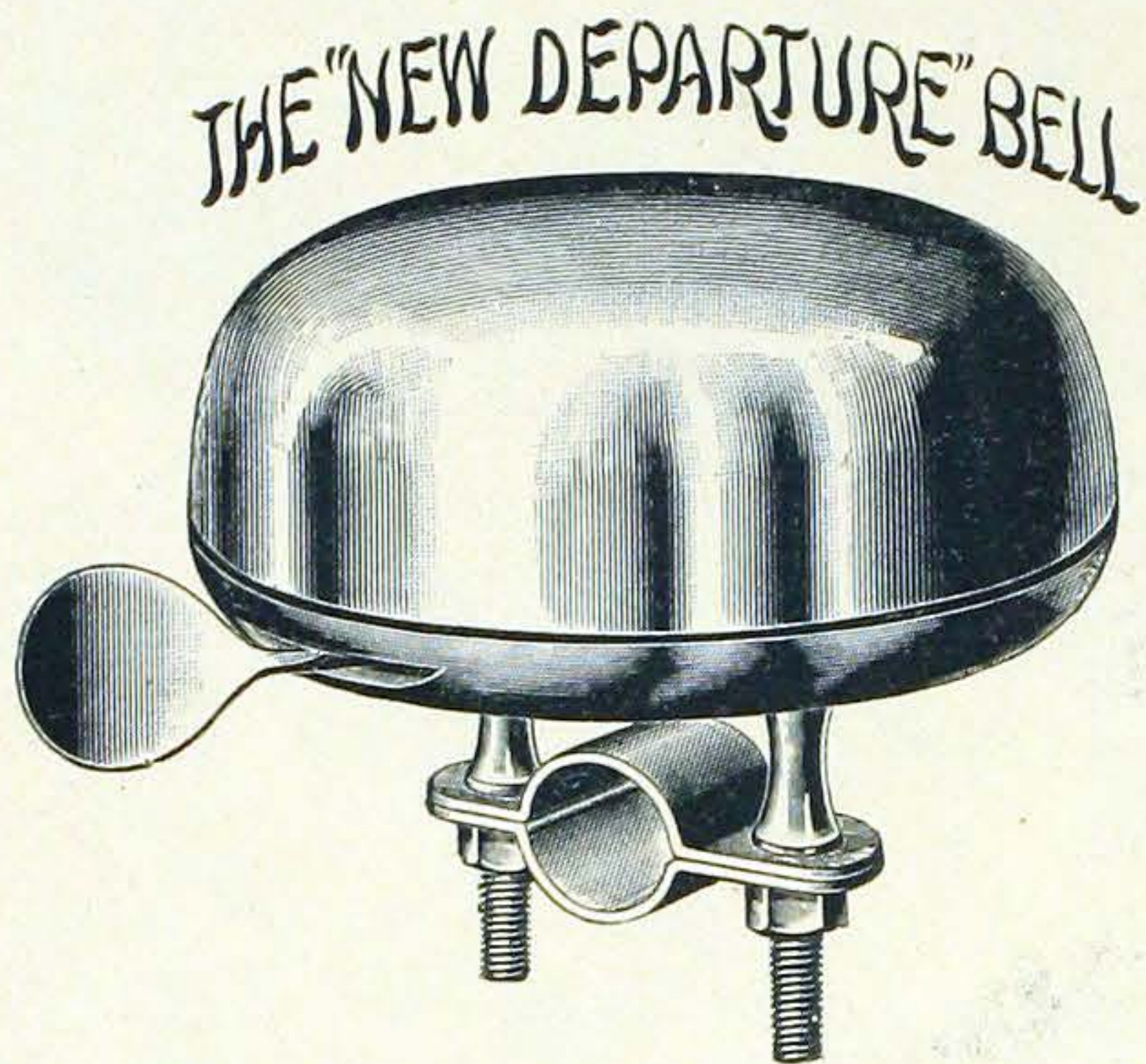
We take pleasure in stating that our New "Rotary" Bells are already regarded as the most desirable on the market. We have not space for testimonials, but we have been surprised by their sincerity, all demonstrating that the Sporting Trade "knows a good thing at sight"

The word "Rotary" surely belongs to *us*, and has reference to the little round hammers which strike the gong, producing a double electric ring, and as there is no winding, *always ready*.

(Patented July 14th, 1891. Others Pending.)

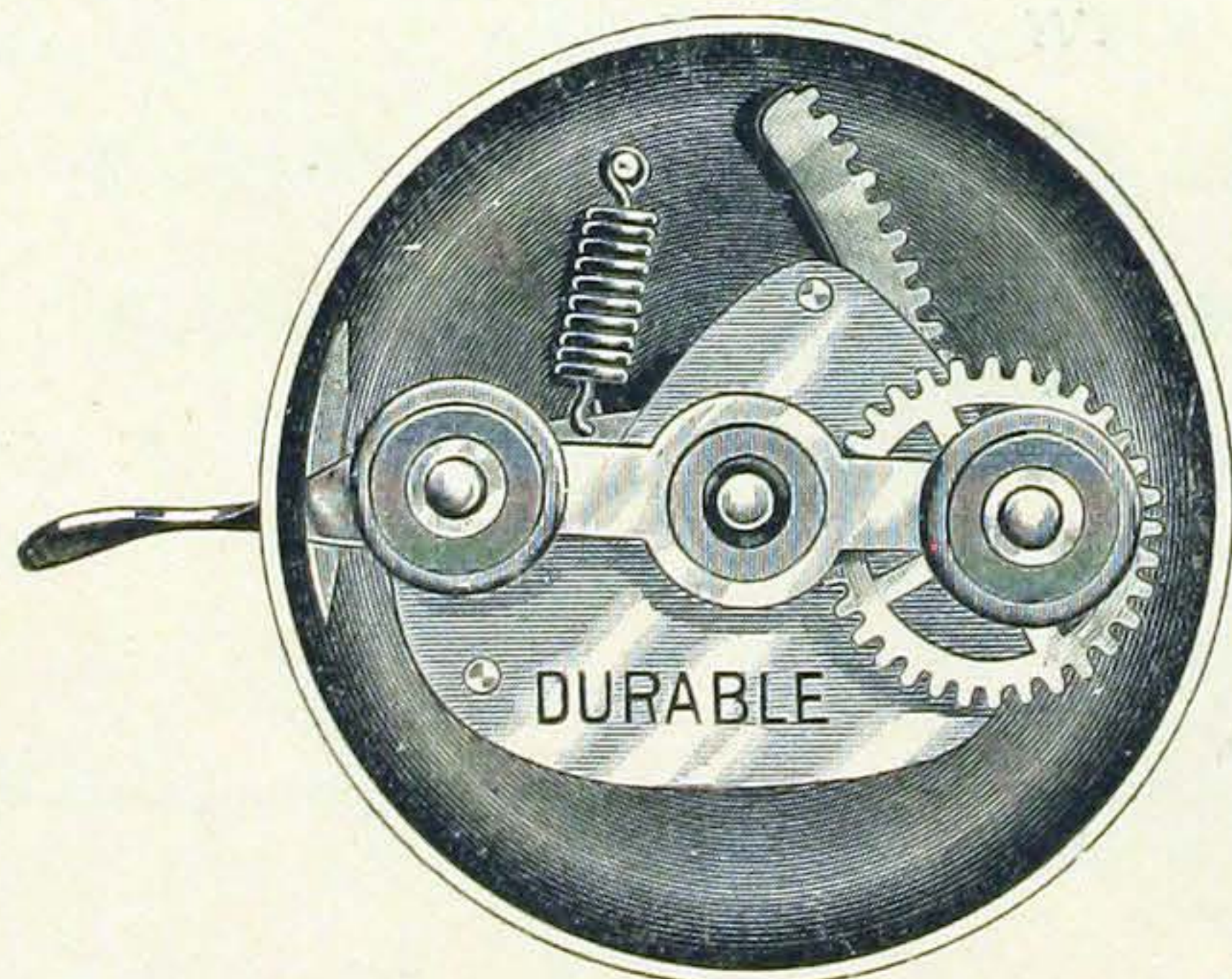
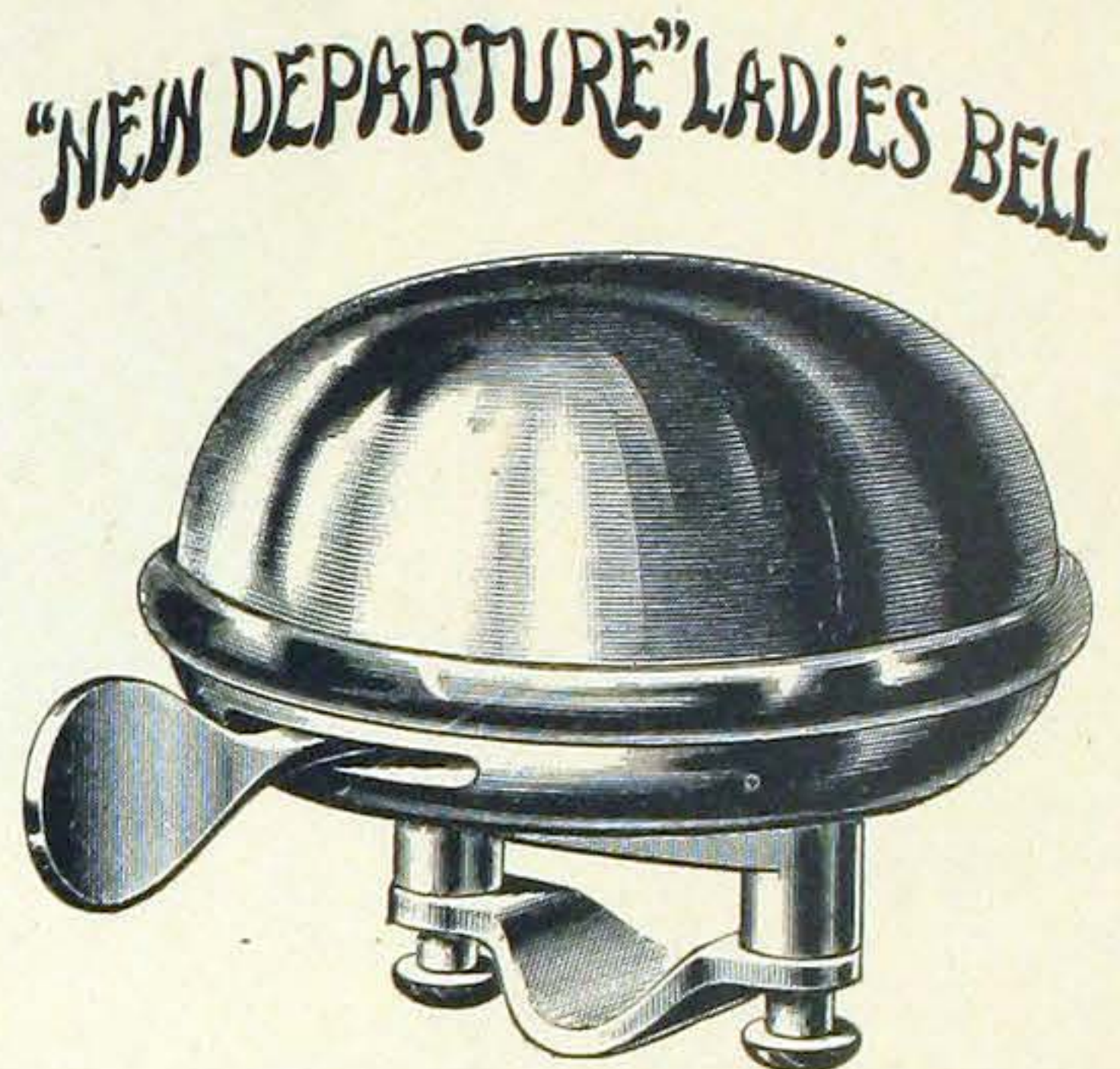
GENTLEMEN'S "ROTARY" No. 1.

3 inch Diameter. Weight, 11½ oz.



LADIES' "ROTARY" No. 2.

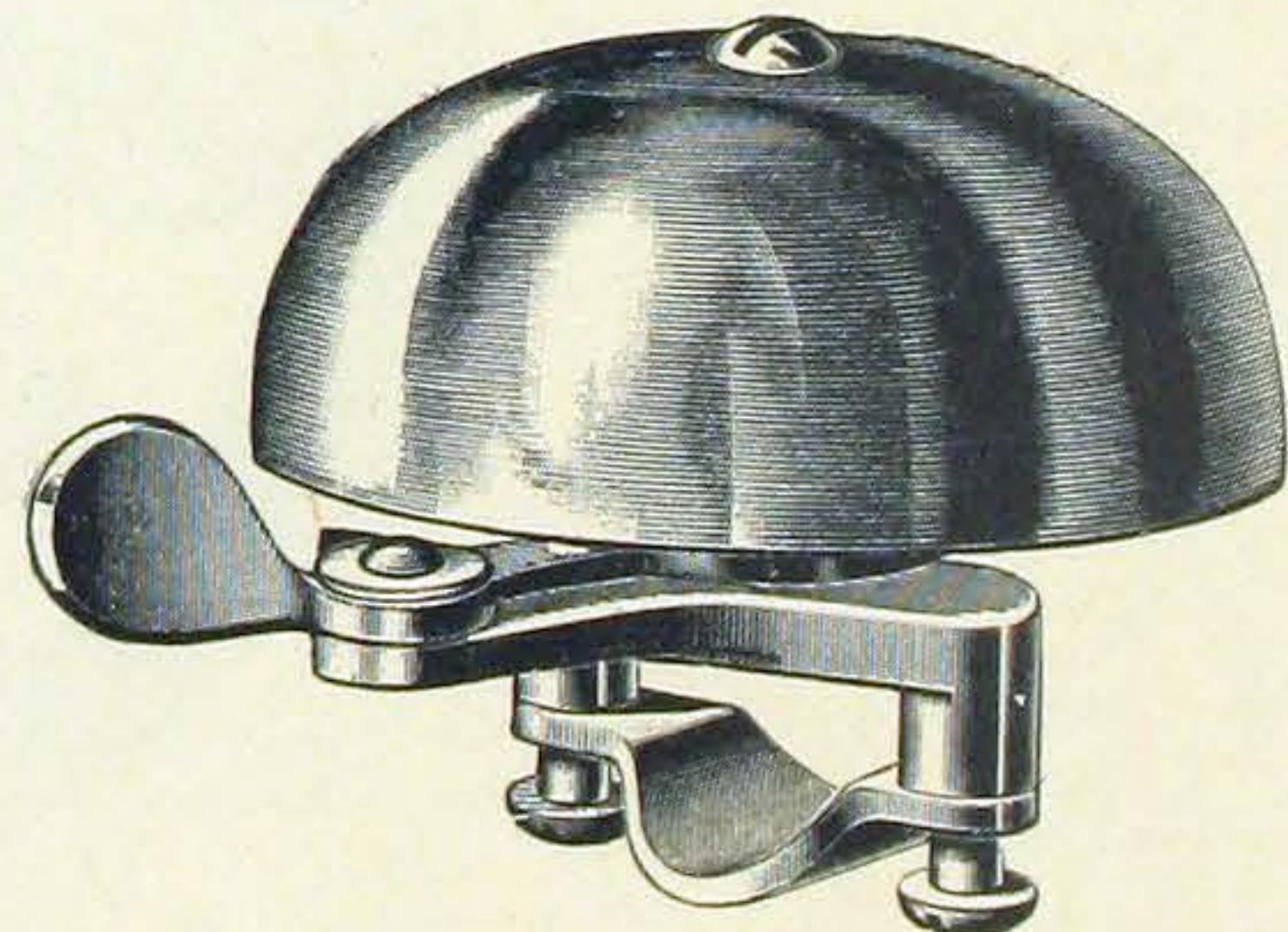
2½ inches Diameter. Weight, 8½ oz.



This cut illustrates inside view of both No. 1 and No. 2, which are similar in construction.

"LITTLE GIANT" No. 4.

2½ inch Diameter. Weight, 6 oz.



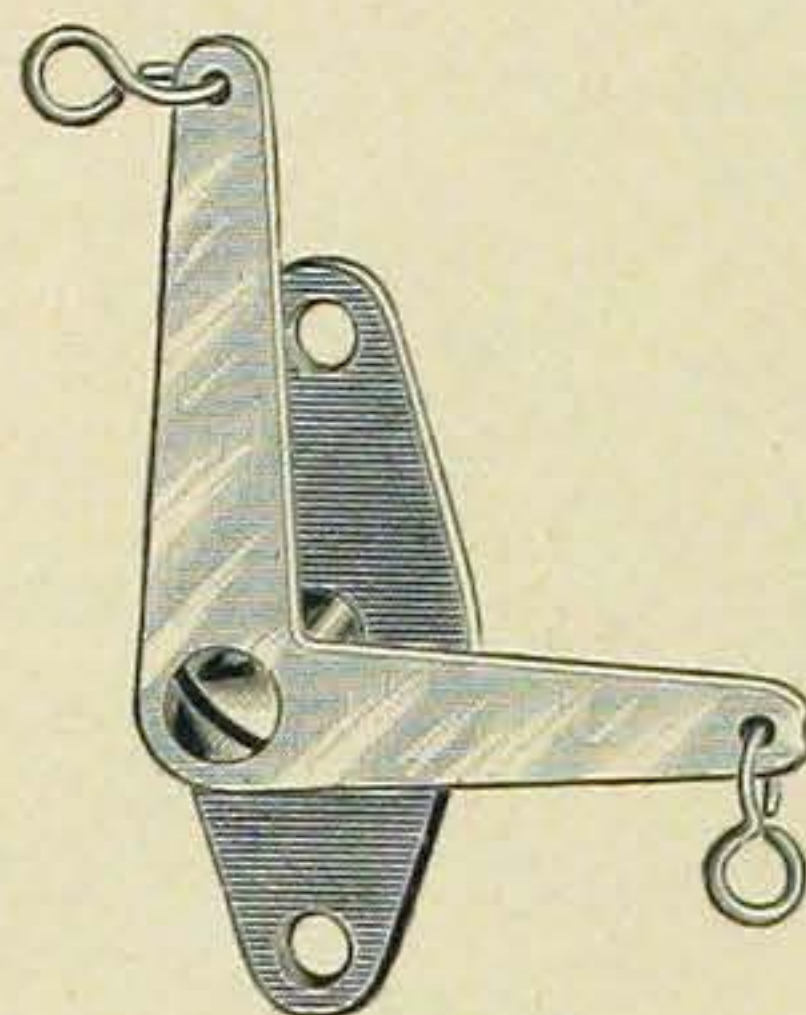
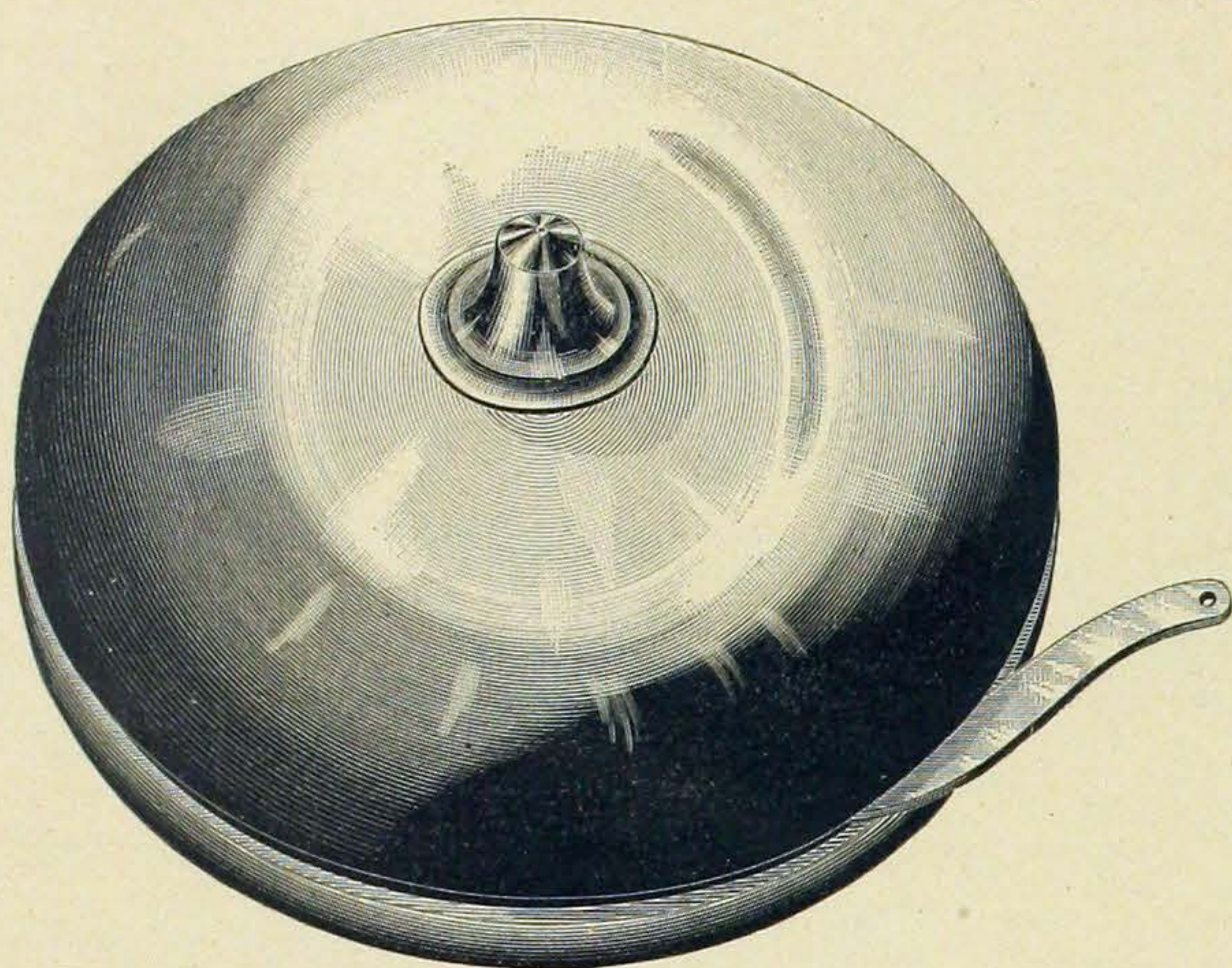
Our No. 4, above, is the best double stroke alarm on the market for its size and weight; has a superior bell metal gong, and is well finished.

No. 1,		Per Dozen, \$27.00
No. 2,		" 24.00
No. 3,		" 12.00

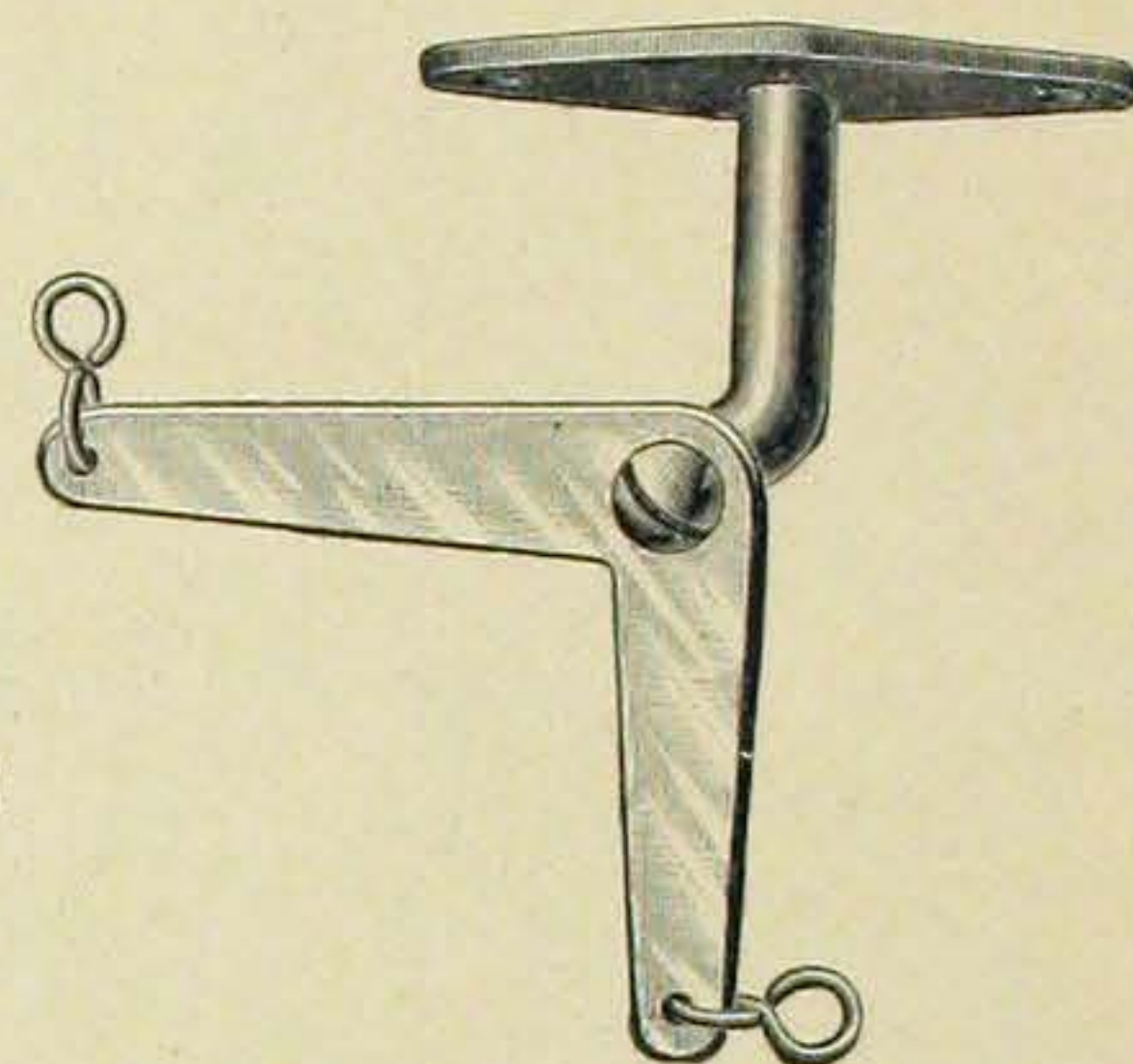
NEW DEPARTURE 4-INCH DISTANCE BELL.

Operated by a Push Button.

About 400 ordinary electric rings for each winding.



No. 1 Side.



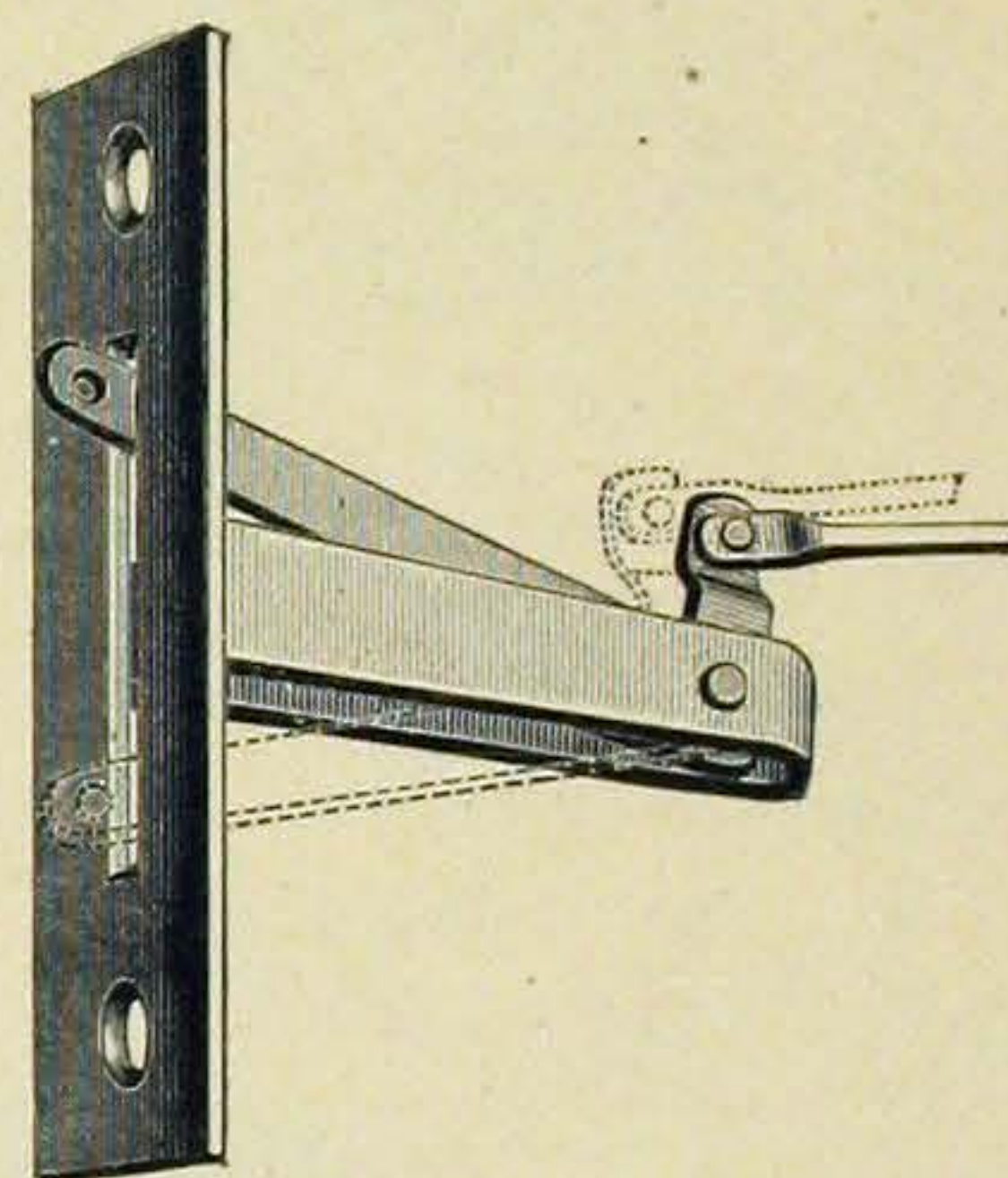
No. 2 Corner.

Two each of the above brass cranks are included without extra charge.

They are the only kind suitable for these Bells, having one arm shorter than the other.

No. 95,	Brass gong,	O case,	per doz ,	\$40.00
" 195,	"	A "	"	40.00
" 295,	"	B "	"	40.00
" 395,	"	C "	"	40.00
" 100,	Nickel gong,	O "	"	40.00
" 200,	"	A "	"	40.00
" 300,	"	B "	"	40.00
" 400,	"	C "	"	40.00

Button cases, necessary cranks, and 75 feet of brass wire included, making each bell complete, and nicely packed in suitable boxes.



No. 3 Mortise.

OVER DOOR BELL.

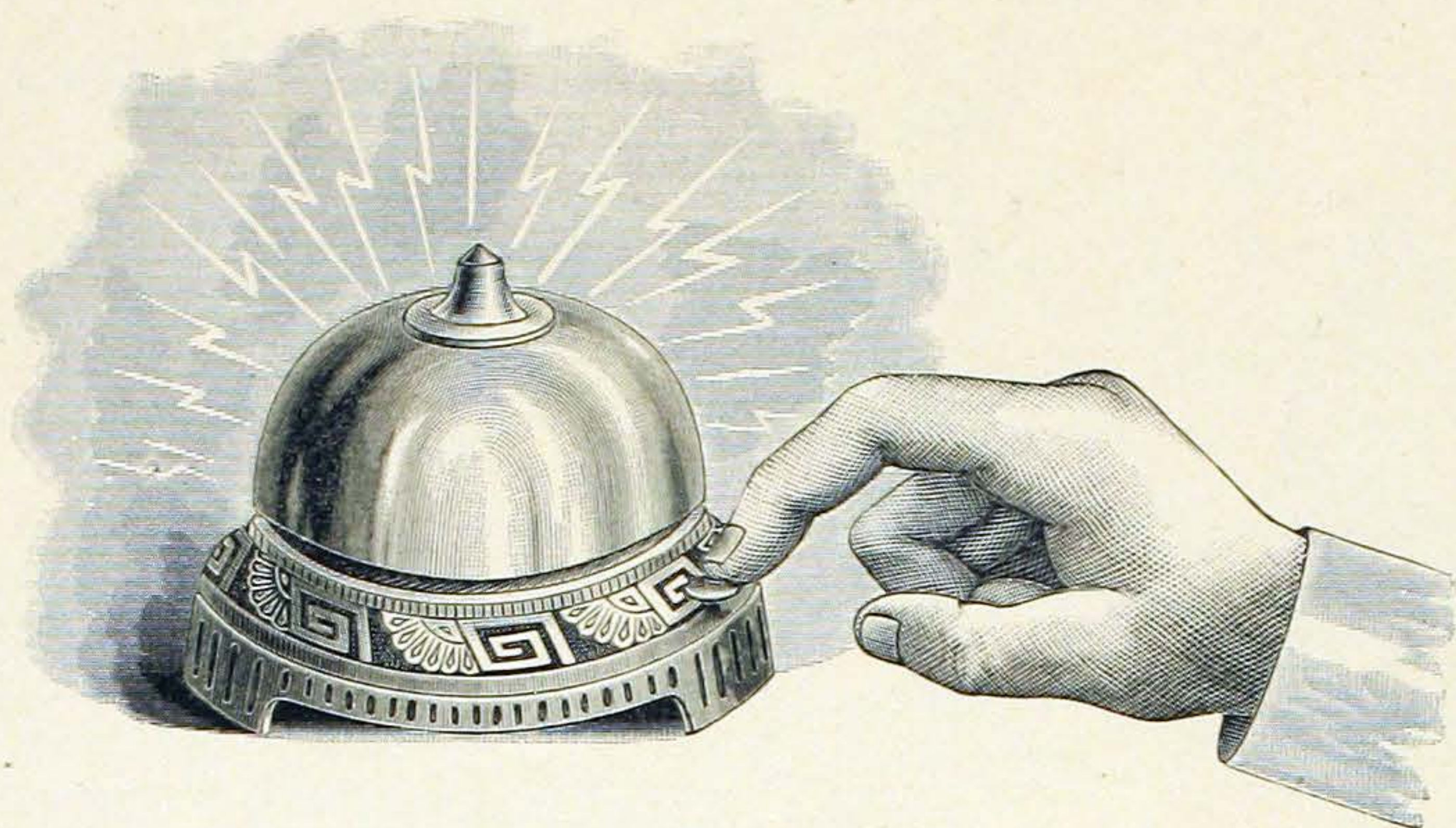
Same as above, except that the side and corner cranks and a long coil of wire are not included. The only fixtures being mortise crank for door casing and short coil of wire; also button cases.

These Bells can be used with a pull by using a check spring to help pull the arm of bell back into place, using, of course, heavier wire and the larger cranks.

No. 145,	4 Inch,	Brass gong,	O case,	per doz.,	\$36.00
" 245,	4 "	"	A "	"	36.00
" 345,	4 "	"	B "	"	36.00
" 445,	4 "	"	C "	"	36.00
" 150,	4 "	Nickel gong,	O "	"	36.00
" 250,	4 "	"	A "	"	36.00
" 350,	4 "	"	B "	"	36.00
" 450,	4 "	"	C "	"	36.00
" 155,	5 "	Brass gong,	O "	"	46.00
" 255,	5 "	"	A "	"	46.00
" 355,	5 "	"	B "	"	46.00
" 455,	5 "	"	C "	"	46.00
" 160,	5 "	Nickel gong,	O "	"	46.00
" 260,	5 "	"	A "	"	46.00
" 360,	5 "	"	B "	"	46.00
" 460,	5 "	"	C "	"	46.00
" 1,	Side cranks,			"	.80
" 2,	Corner "			"	.80
" 3,	Mortice "			"	2.50

NEW DEPARTURE CALL BELLS,

Which give Correct Electrical Results without the aid of a Battery.



The Tea Bell is condensed into such compass that the diameter of its Gong is but $2\frac{1}{2}$ and its Base $3\frac{1}{2}$ inches.

With this small size is obtained Two Hundred and Fifty Electric Calls of ordinary duration, for each winding. The Office Bells give about three hundred such calls.

Winding

Is very quickly done by simply turning the Gong, and these few seconds adjustment is all that is required as compared with the annoyance of a battery.

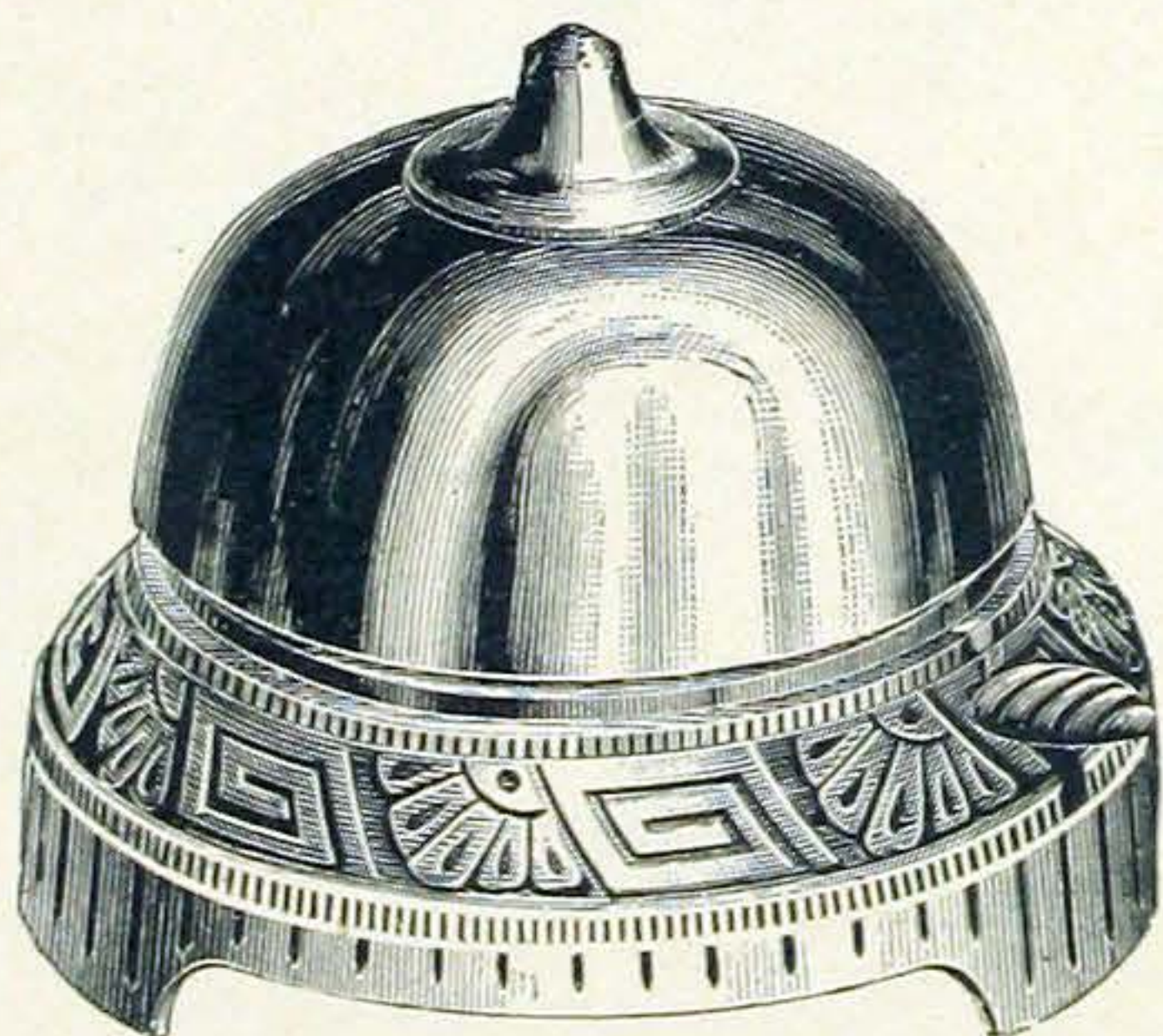
Operation.

Depressing the Lever on the side of the Base, or the Button on top of the Gong, in the other style (which is the preferred) causes the bell to ring in the same manner as the Electric.

Tea Bell.

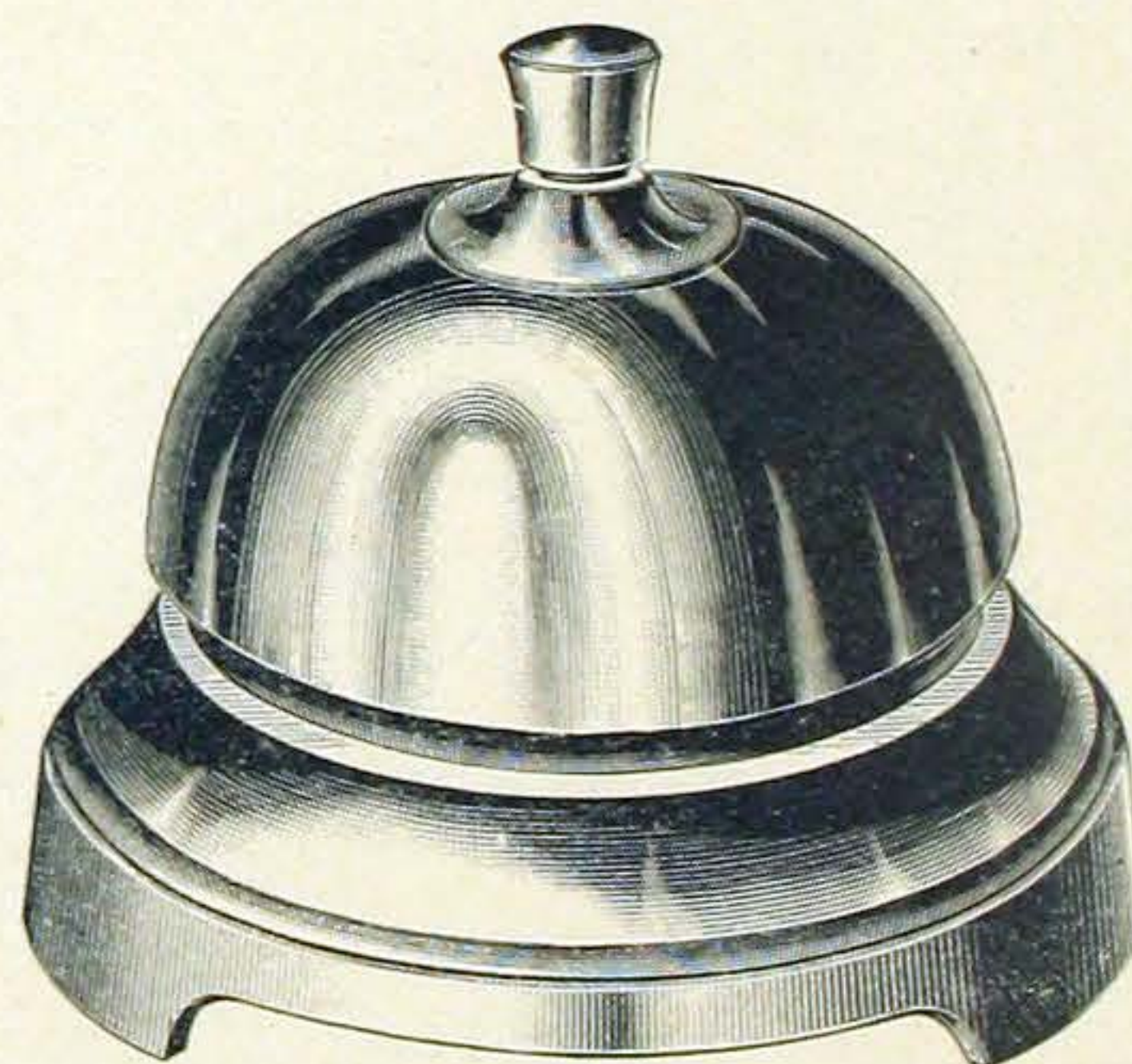
Diameter of Gong,	2 $\frac{1}{2}$ inches
Diameter of Base,	3 $\frac{1}{2}$ "

Fully 250 Rings for each Winding.



Lever on Side.

	GONG.	FIGURED BASE.	
No. 12	Nickel plated,	Nickel plated,	doz., \$26.00
" 15	Nickel plated,	Natural Bronze,	" 26.00
" 17	Old copper,	Old copper,	" 28.00
" 19	Nickel plated,	Old copper,	" 28.00
" 20	Oxidized silver,	Oxidized silver,	" 35.00
" 61	Silver plated,	Oxidized silver,	" 36.00
	GONG.	PLAIN BASE.	
No. 32	Nickel plated,	Nickel plated,	doz., \$26.00
" 35	Nickel plated,	Natural bronze,	" 26.00
" 37	Old copper,	Old copper,	" 28.00
" 39	Nickel plated,	Old copper,	" 28.00
" 40	Oxidized silver,	Oxidized silver,	" 35.00
" 60	Silver plated,	Silver plated,	" 38.00



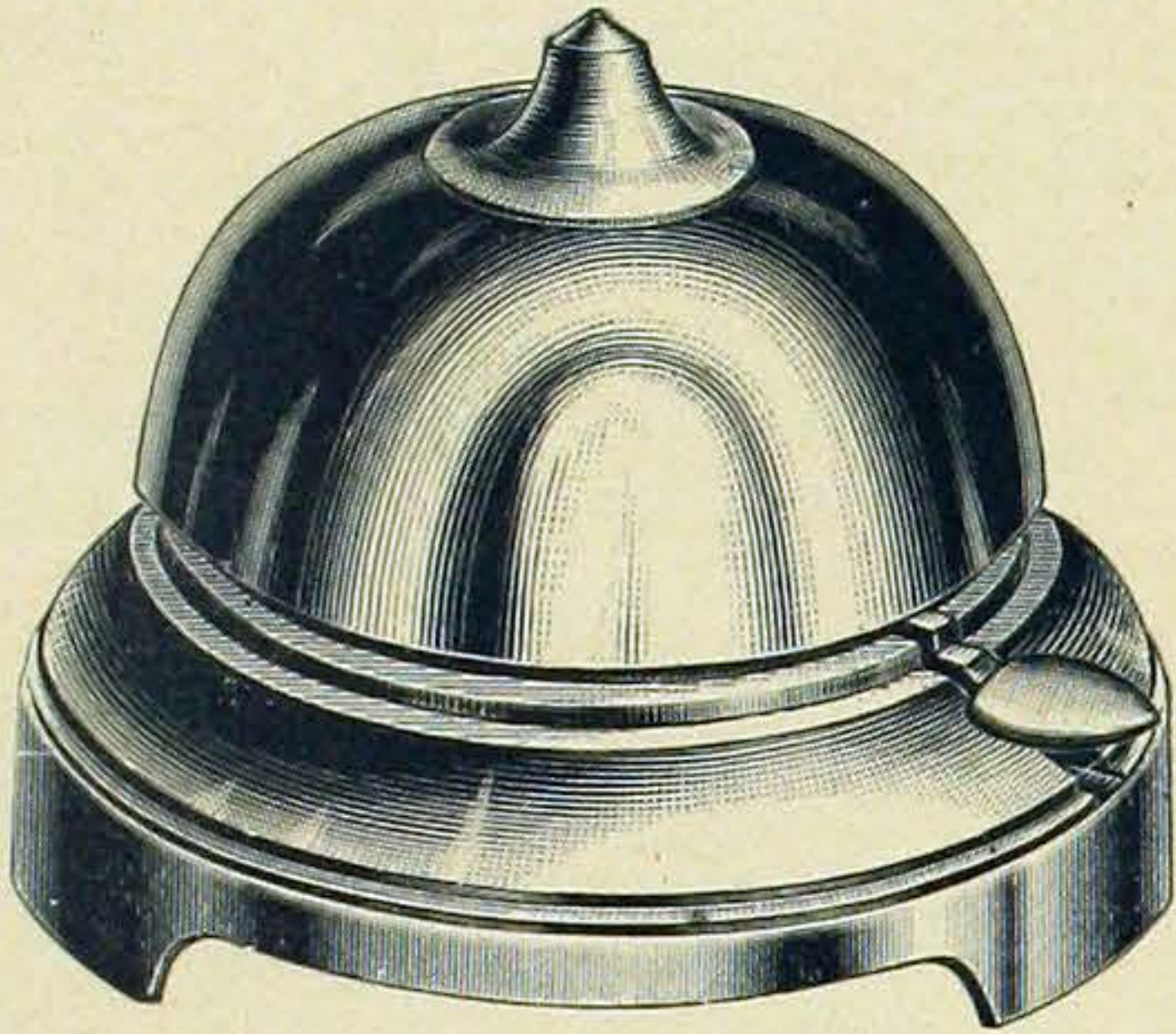
Button on Top.

	GONG.	FIGURED BASE.	
No. 12 $\frac{1}{2}$	Nickel plated,	Nickel plated,	doz., \$26.00
" 15 $\frac{1}{2}$	Nickel plated,	Natural bronze,	" 26.00
" 17 $\frac{1}{2}$	Old copper,	Old copper,	" 28.00
" 19 $\frac{1}{2}$	Nickel plated,	Old copper,	" 28.00
" 20 $\frac{1}{2}$	Oxidized silver,	Oxidized silver,	" 35.00
" 61 $\frac{1}{2}$	Silver plated,	Oxidized silver,	" 36.00
	GONG.	PLAIN BASE.	
No. 32 $\frac{1}{2}$	Nickel plated,	Nickel plated,	doz., \$26.00
" 35 $\frac{1}{2}$	Nickel plated,	Natural bronze,	" 26.00
" 37 $\frac{1}{2}$	Old copper,	Old copper,	" 28.00
" 39 $\frac{1}{2}$	Nickel plated,	Old copper,	" 28.00
" 40 $\frac{1}{2}$	Oxidized silver,	Oxidized silver,	" 35.00
" 60 $\frac{1}{2}$	Silver plated,	Silver plated,	" 38.00

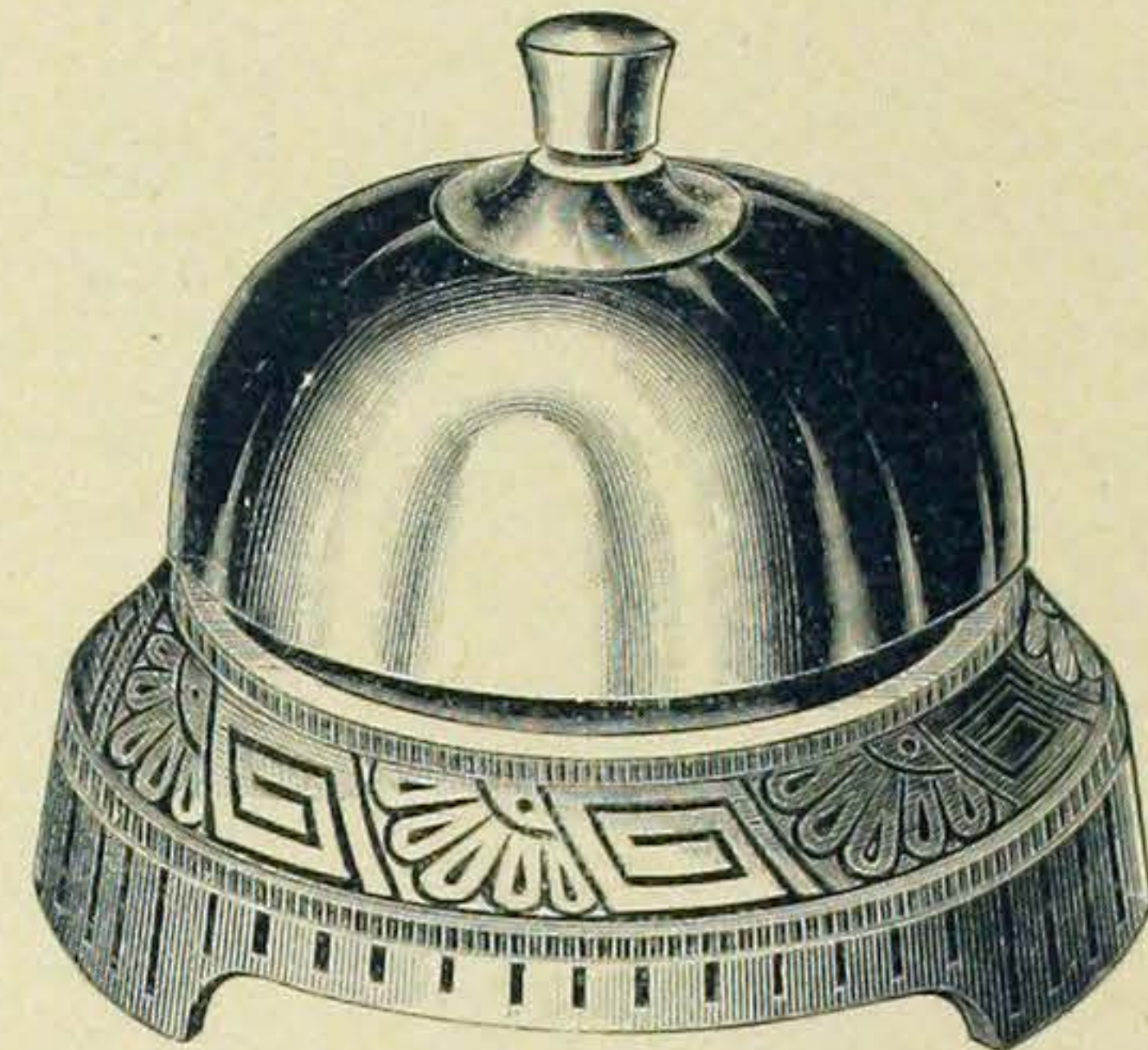
NEW DEPARTURE CALL BELLS.

Office Bell.

(Fully 350 Rings for each Winding.)

Diameter of gong,
Diameter of base,3½ inches.
4½ "

Lever on Side.



Button on Top.

	GONG.	FIGURED BASE.	
No. 22	Nickel plated,	Nickel plated,	Doz. \$35.00
" 25	Nickel plated,	Natural bronze,	" 35 00
" 27	Old copper,	Old copper,	" 37.00
" 29	Nickel plated,	Old copper,	" 37.00
" 30	Oxidized silver,	Oxidized silver,	" 45.00

	GONG.	PLAIN BASE.	
No. 42	Nickel plated,	Nickel plated,	Doz. \$35.00
" 45	Nickel plated,	Natural bronze,	" 35.00
" 47	Old copper,	Old copper,	" 37.00
" 49	Nickel plated,	Old copper,	" 37.00
" 50	Oxidized silver,	Oxidized silver,	" 45.00
" 80	Silver plated,	Silver plated,	" 48 00

	GONG.	FIGURED BASE.	
No. 22½	Nickel plated,	Nickel plated,	Doz. \$35.00
" 25½	Nickel plated,	Natural bronze,	" 35.00
" 27½	Old copper,	Old copper,	" 37.00
" 29½	Nickel plated,	Old copper,	" 37.00
" 30½	Oxidized silver,	Oxidized silver,	" 45.00

	GONG.	PLAIN BASE.	
No. 42½	Nickel plated,	Nickel plated,	Doz. \$35.00
" 45½	Nickel plated,	Natural bronze,	" 35.00
" 47½	Old copper,	Old copper,	" 37.00
" 49½	Nickel plated,	Old copper,	" 37.00
" 50½	Oxidized silver,	Oxidized silver,	" 45.00
" 80½	Silver plated,	Silver plated,	" 48.00

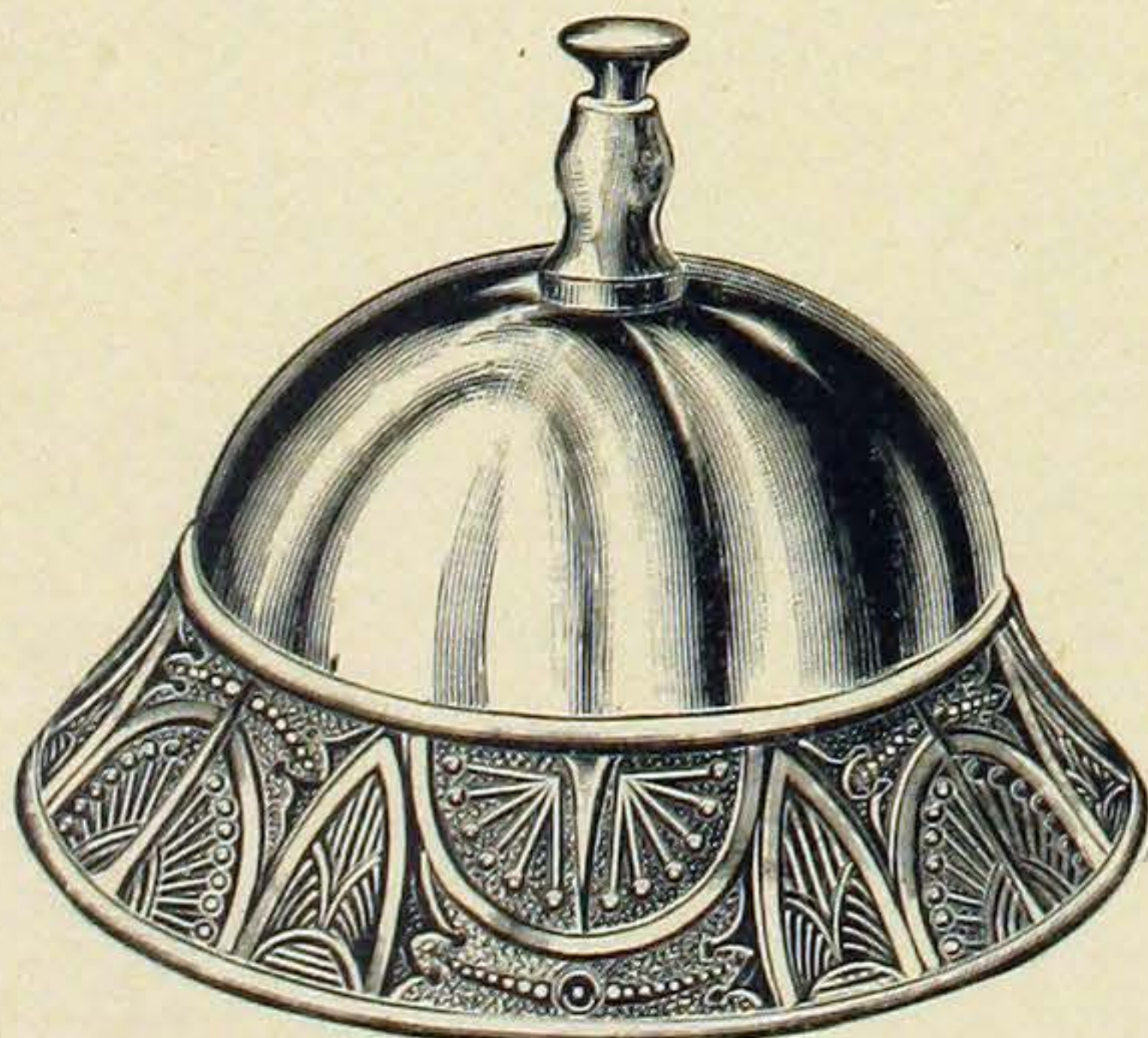
Tap Bells.

2½ INCH GONG.

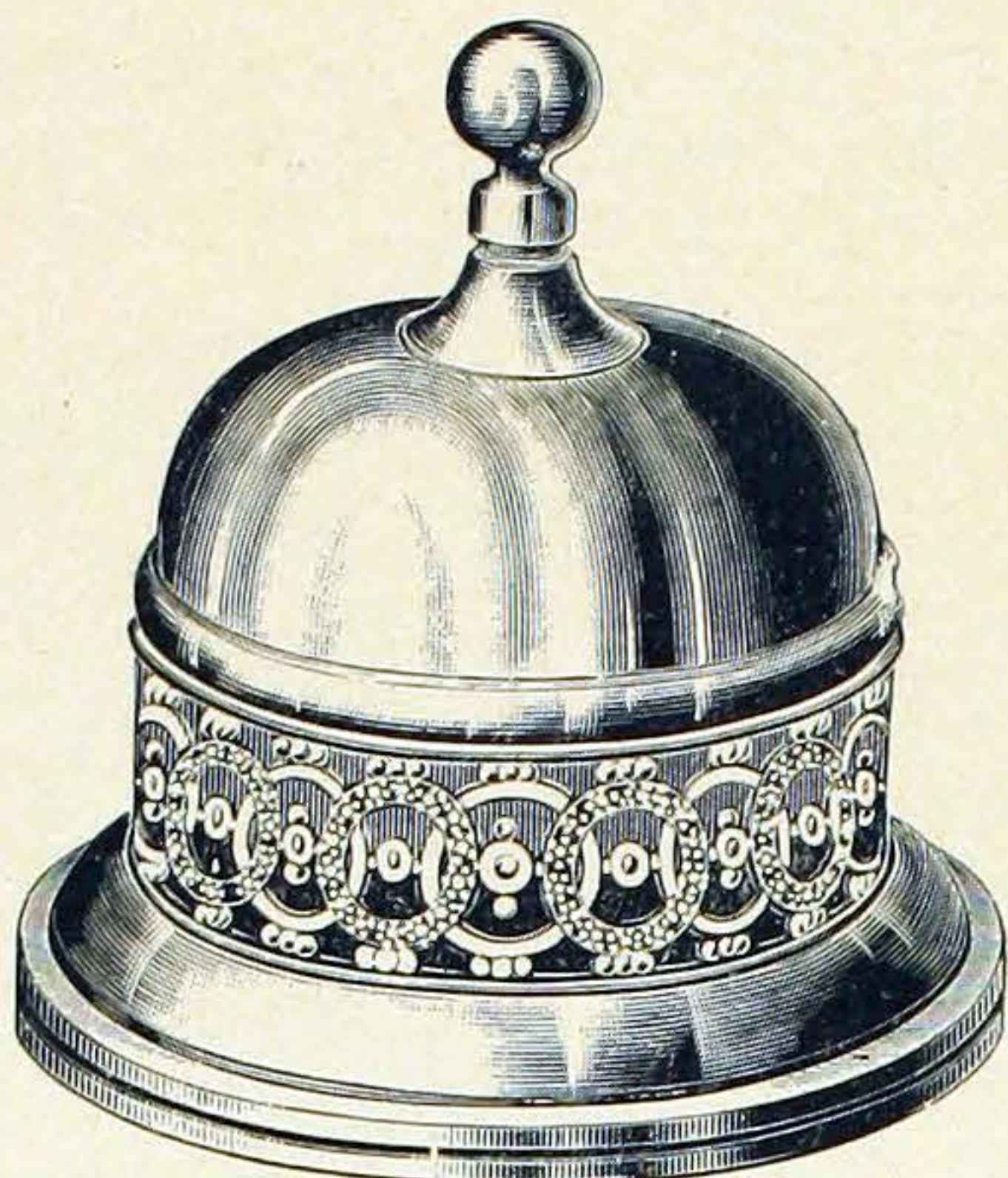
	GONG.	BASE.	
No. 4	Nickel plated,	Nickel plated,	Doz. \$7.50
" 5	Nickel plated,	Old copper	" 8.00
" 6	Silver plated,	Oxidized silver,	" 12.00
" 7	Silver plated,	Silver plated,	" 12.00

3 INCH GONG.

	GONG.	BASE.	
No. 8	Nickel plated,	Nickel plated,	Doz. \$9.00
" 9	Nickel plated,	Old copper,	" 10.00
" 10	Silver plated,	Oxidized silver,	" 15.00
" 11	Silver plated,	Silver plated,	" 15.00



NEW DEPARTURE CALL BELLS.



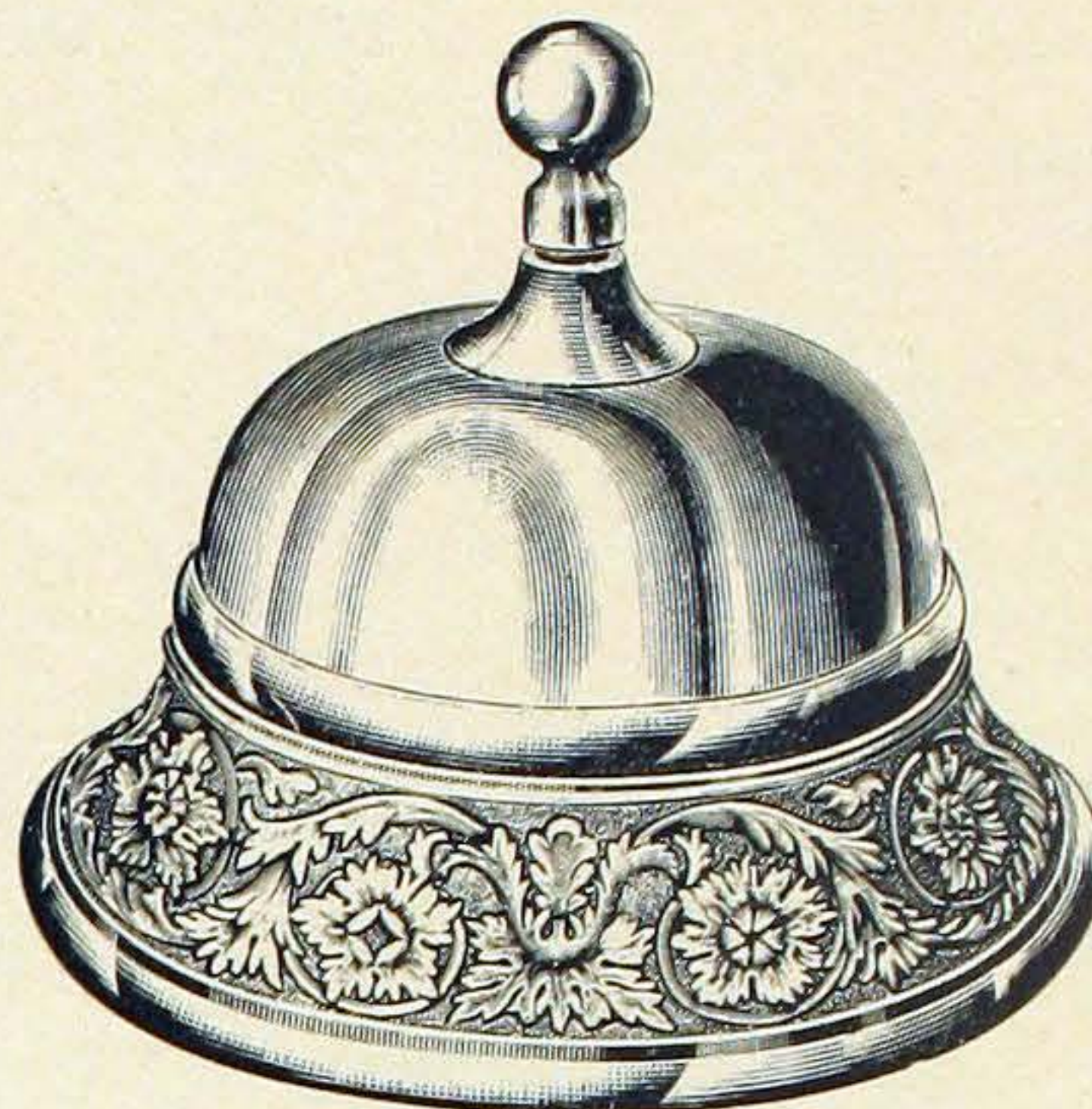
No. 57.

Tea or Office Bell.

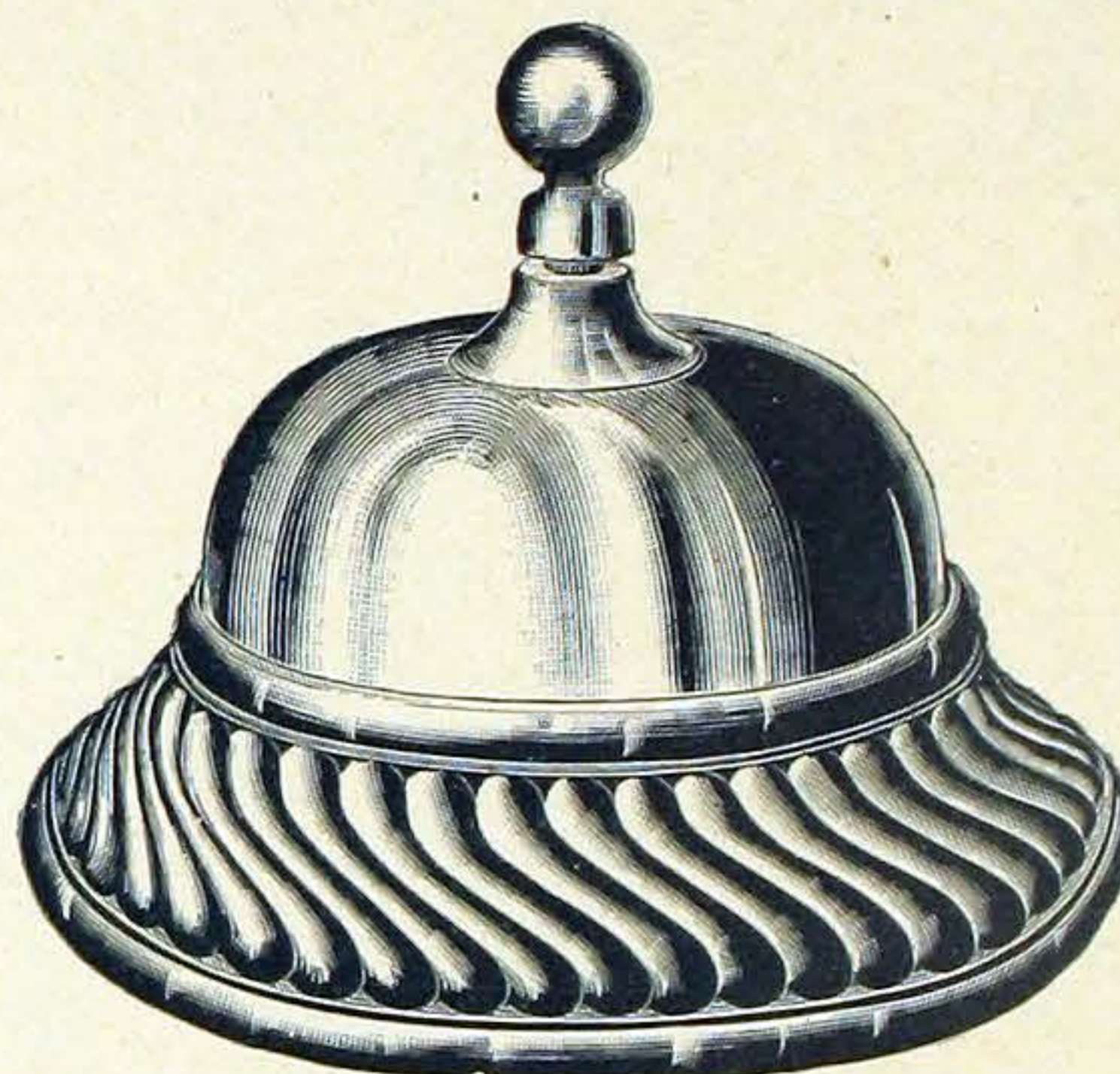
Diameter of gong, 3 inches.
 " " base, 4 "

(250 Rings for each Winding.)

	GONG.	BASE.	
No. 57,	Silver plated,	Silver plated,	doz., \$42.00
" 58,	" "	" "	" 42.00
" 59,	" "	" "	" 42.00



No. 58.



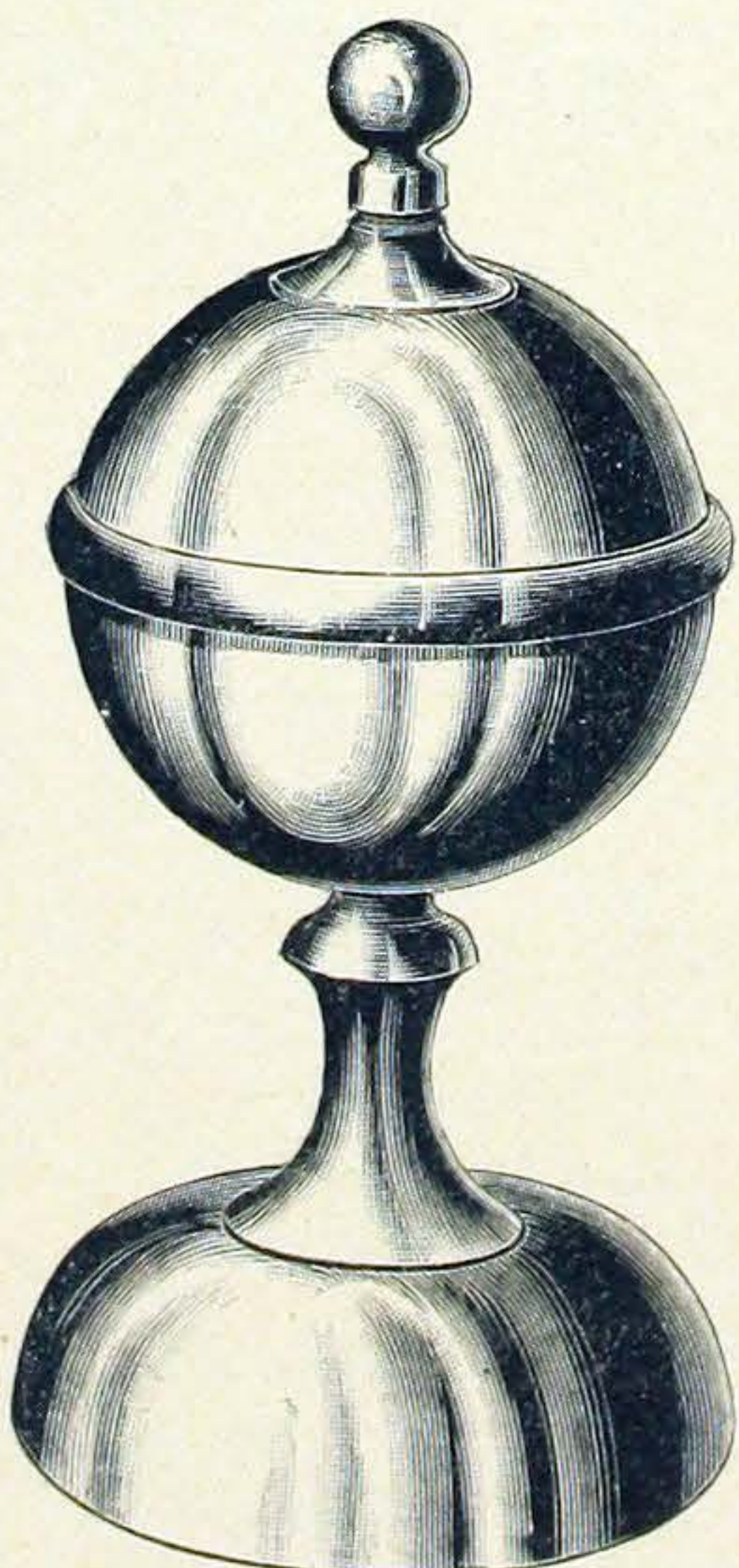
No. 59.

Chime.

Diameter of gong, $2\frac{3}{4}$ inches.

(250 Rings for each winding.)

	GONGS.	BASE.	
No. 81,	Silver plated,	Dark Copper,	doz., \$54.00
" 82,	" "	Silver plated,	" 60.00
" 86,	" "	Marble,	" 75.00



Style of Nos. 81 and 82.

Atlas Chime.

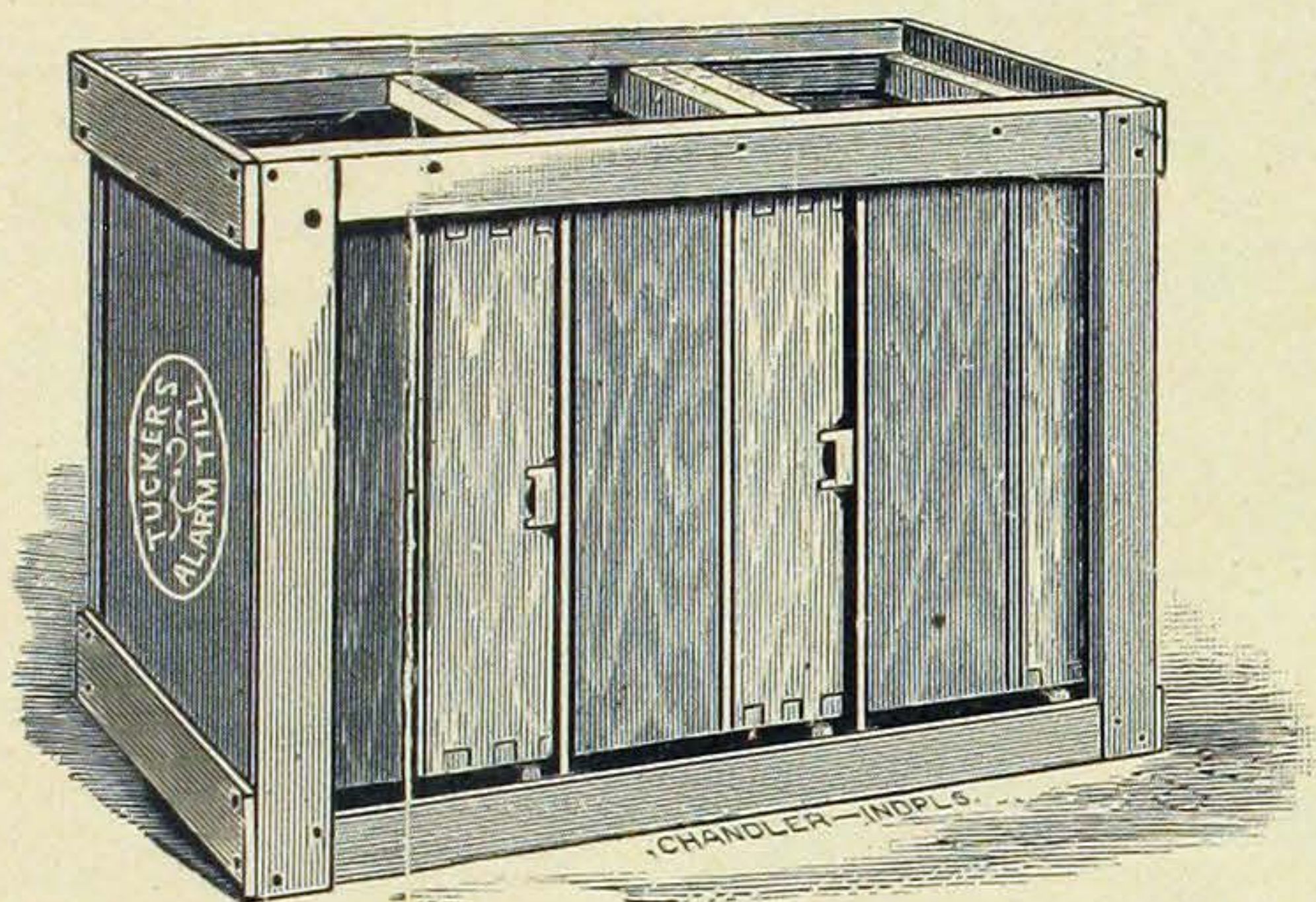
Diameter of gong, $2\frac{3}{4}$ inches.

	GONGS.	BASE.	
No. 91,	Silver plated,	Dark copper,	doz, \$88.00
" 92,	" "	Silver plated,	" 96.00

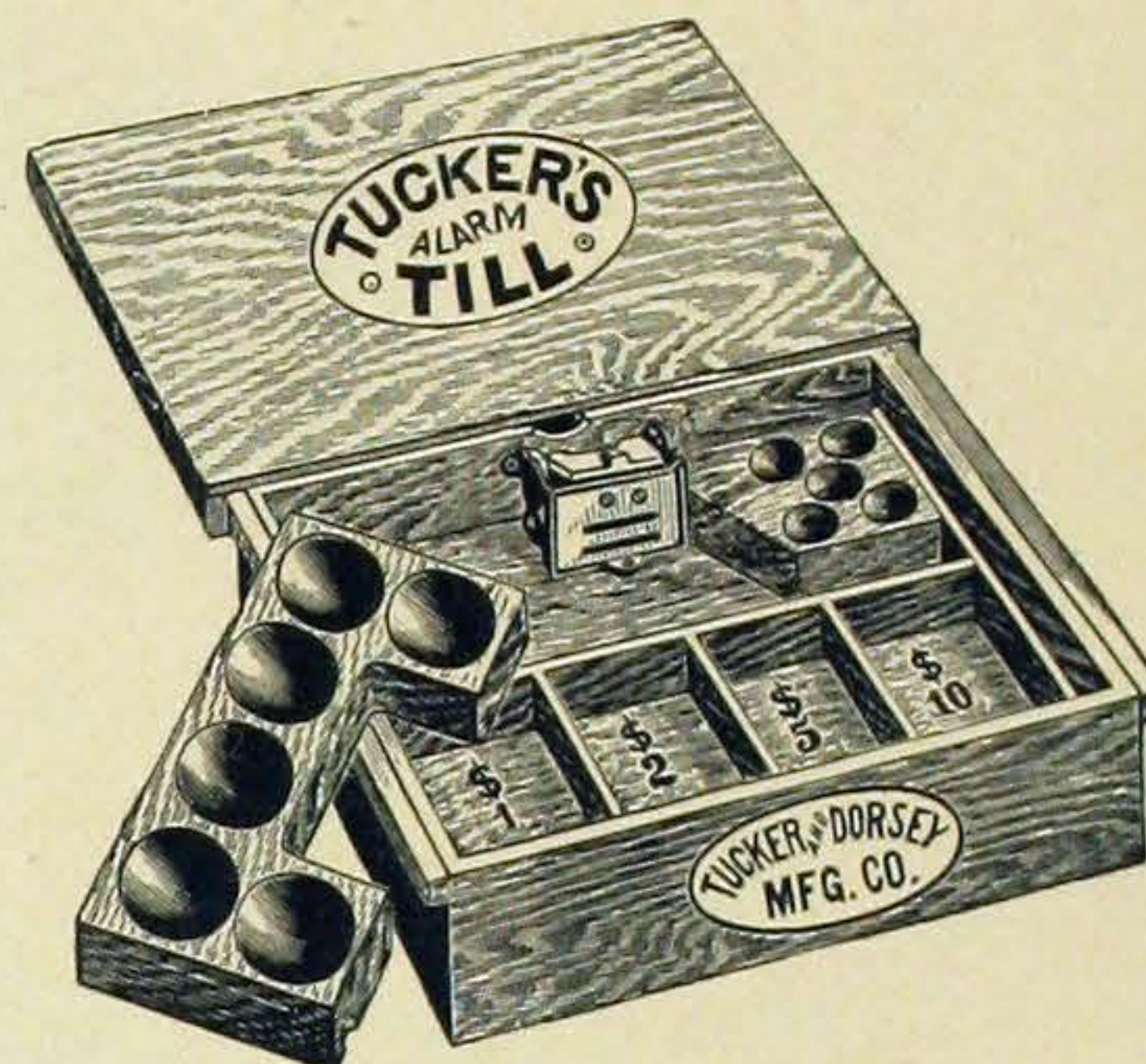
AGENTS FOR

TUCKER & DORSEY MANUFACTURING COMPANY.

Tucker's Alarm Tills.



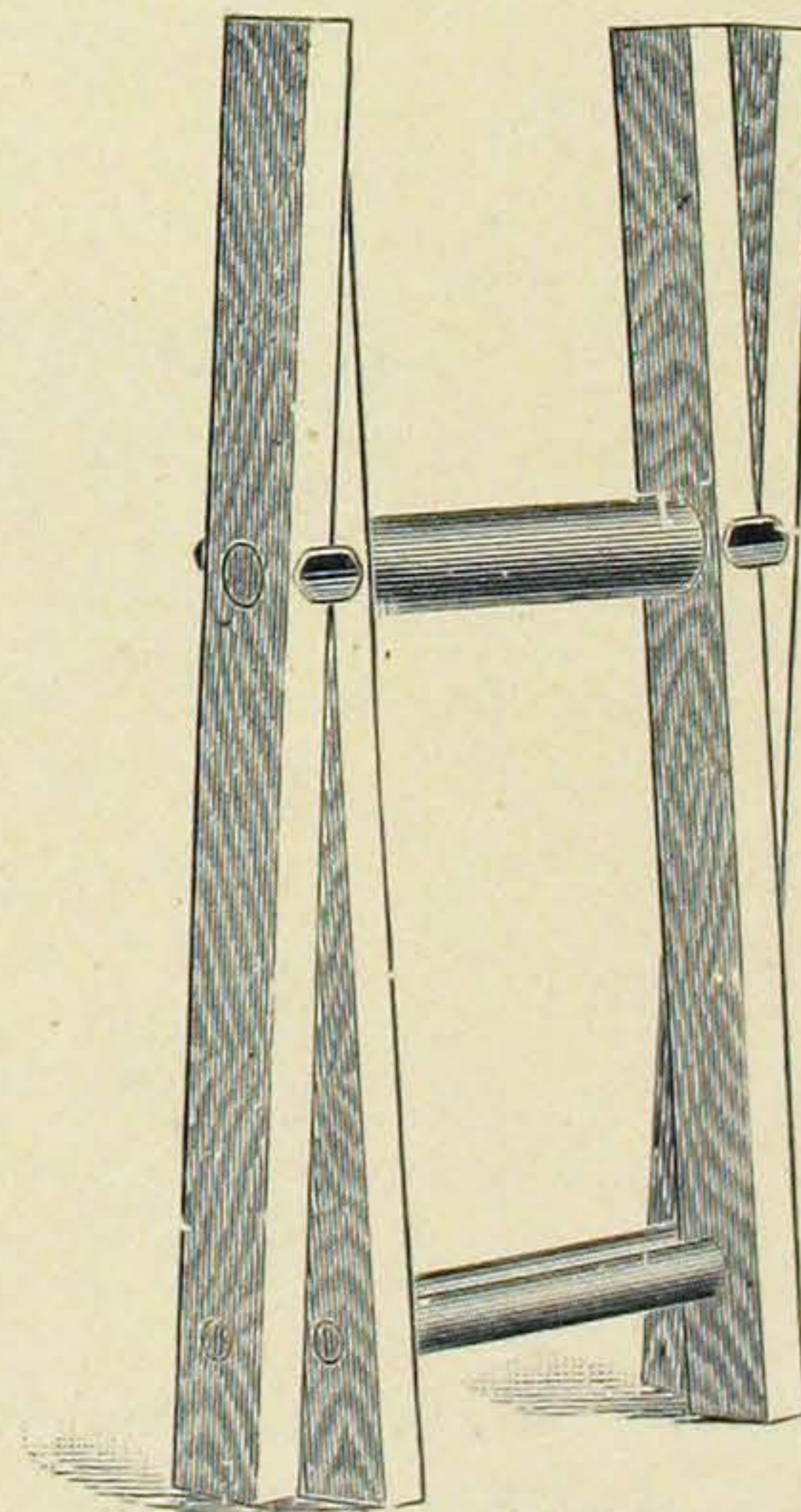
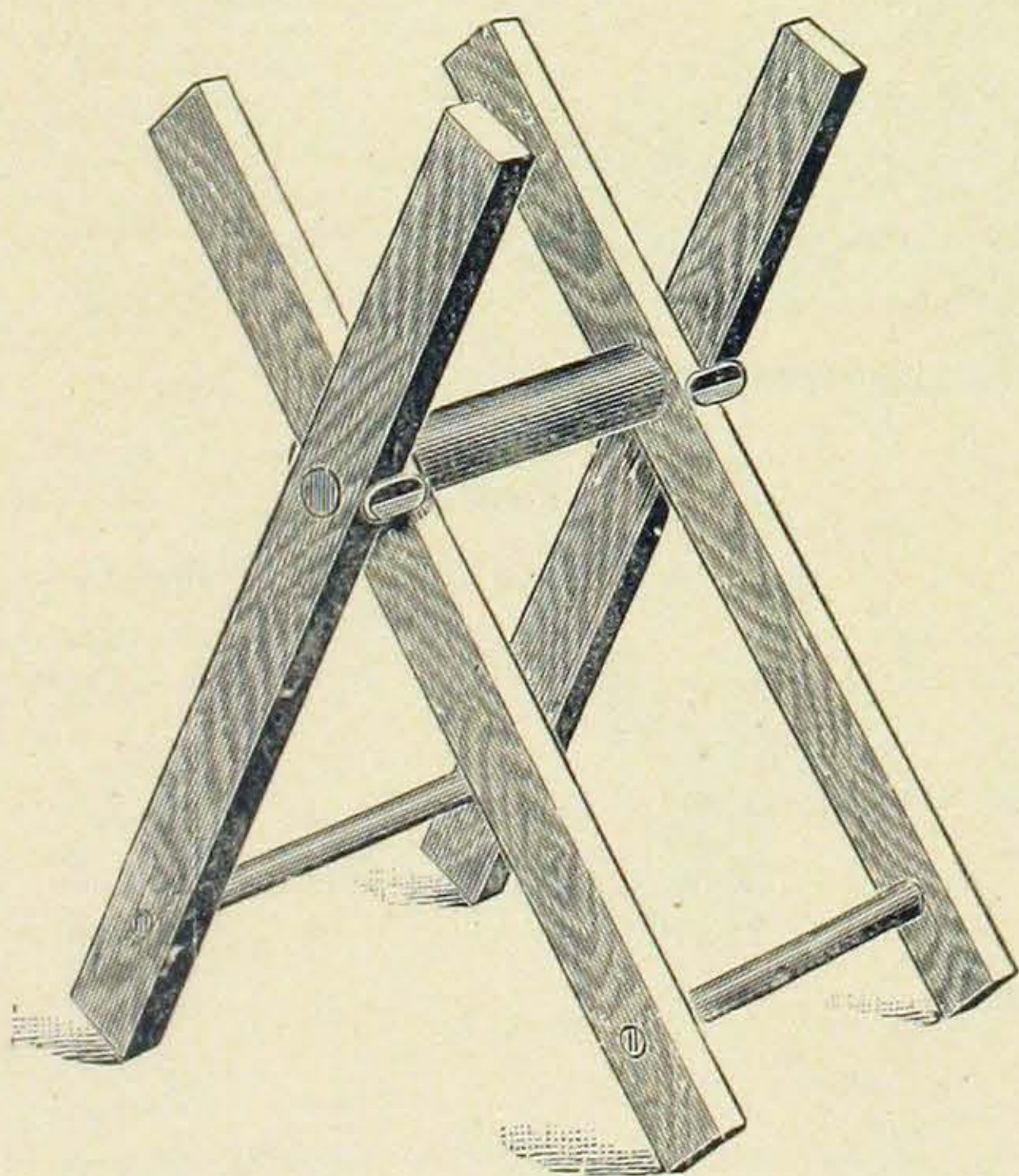
HALF DOZEN TILLS CRATED FOR SHIPMENT.



Our Money Drawer will save its cost twenty times every year. It is made of hard wood, strongly dovetailed together, has six round cups for coin, is always set, is as easily opened as a common drawer, will sound the alarm promptly if tampered with, combination changed in a second, needs no key, no repairs.

Single,	\$ 3.00
Per dozen,	20.00

"Hoosier" Saw Buck.

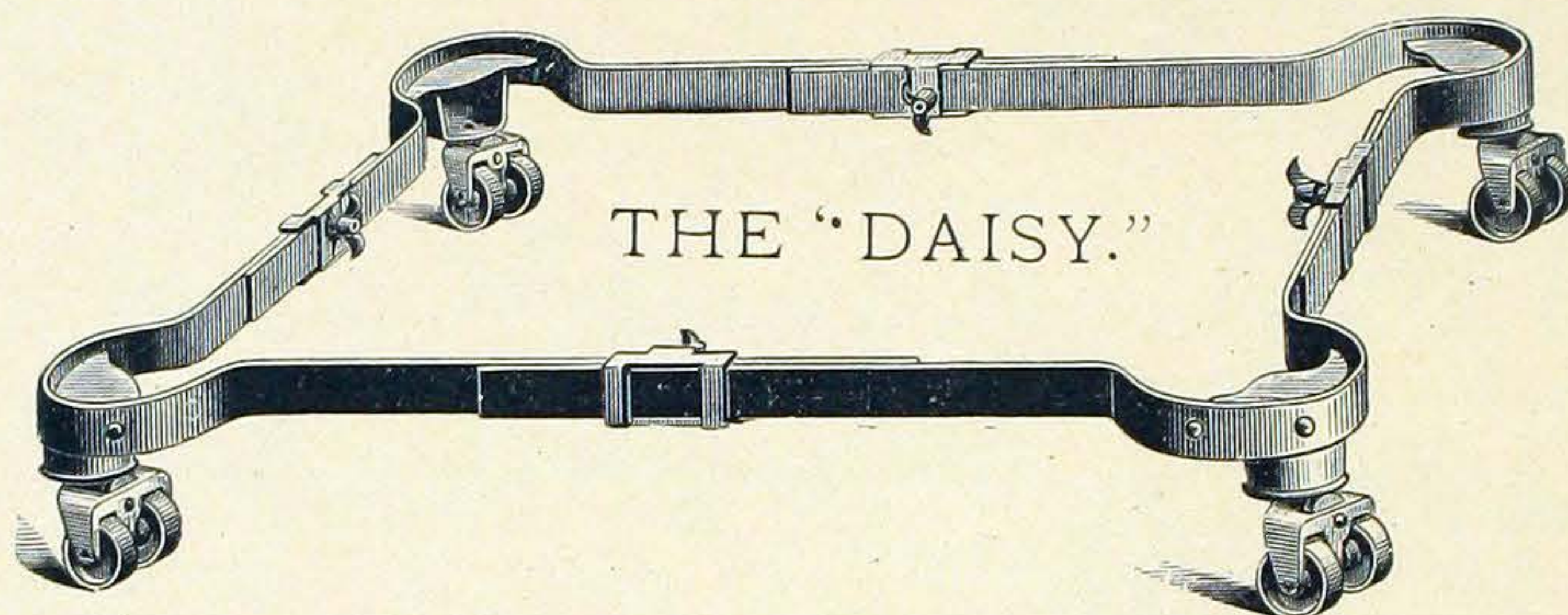
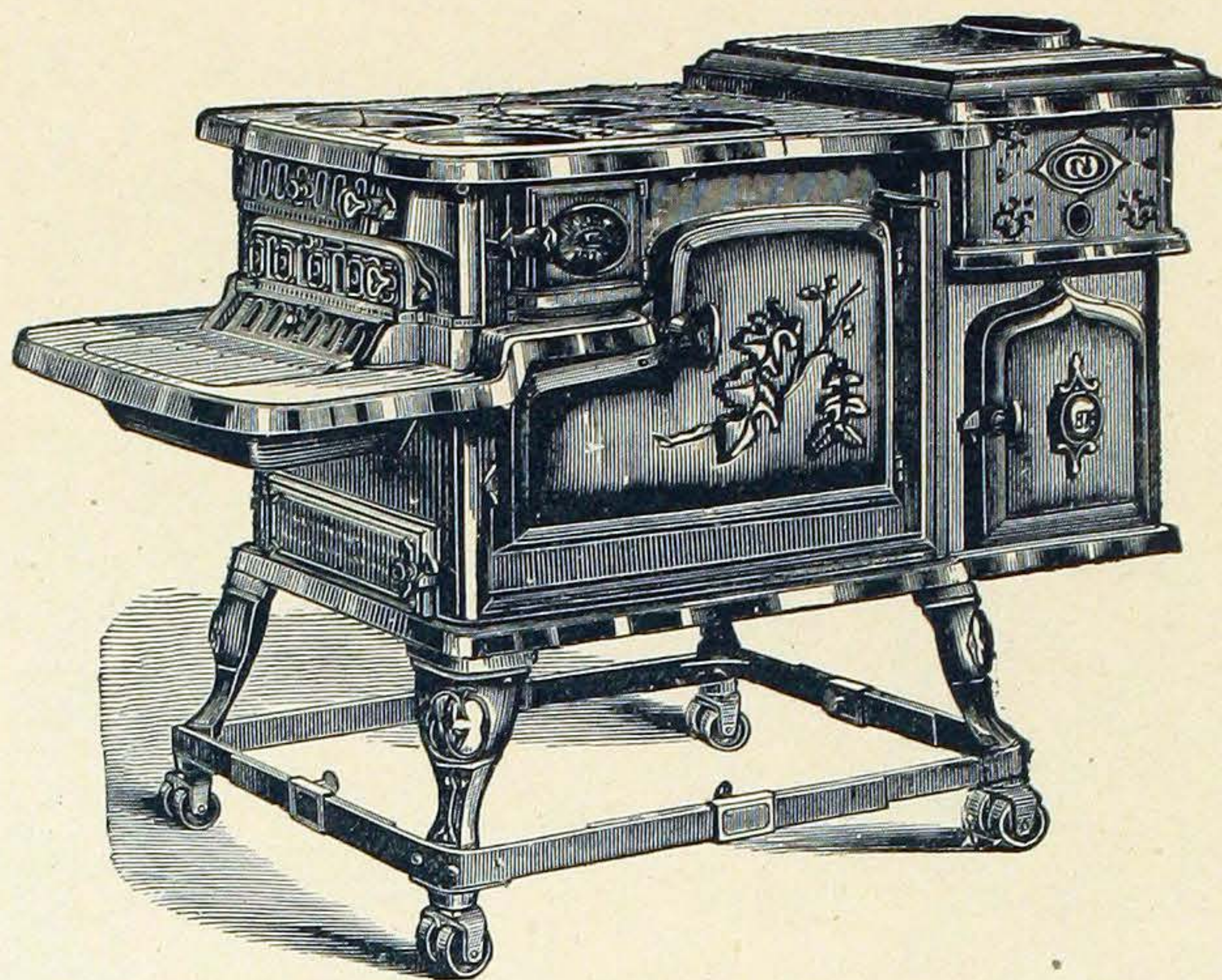


The most complete Saw Buck in the market. Made of hard wood, malleable iron locks, revolving saw-round.

Per dozen,	\$3.00
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Half dozen in crate.

The "Daisy" Wrought Iron Adjustable Stove Truck.



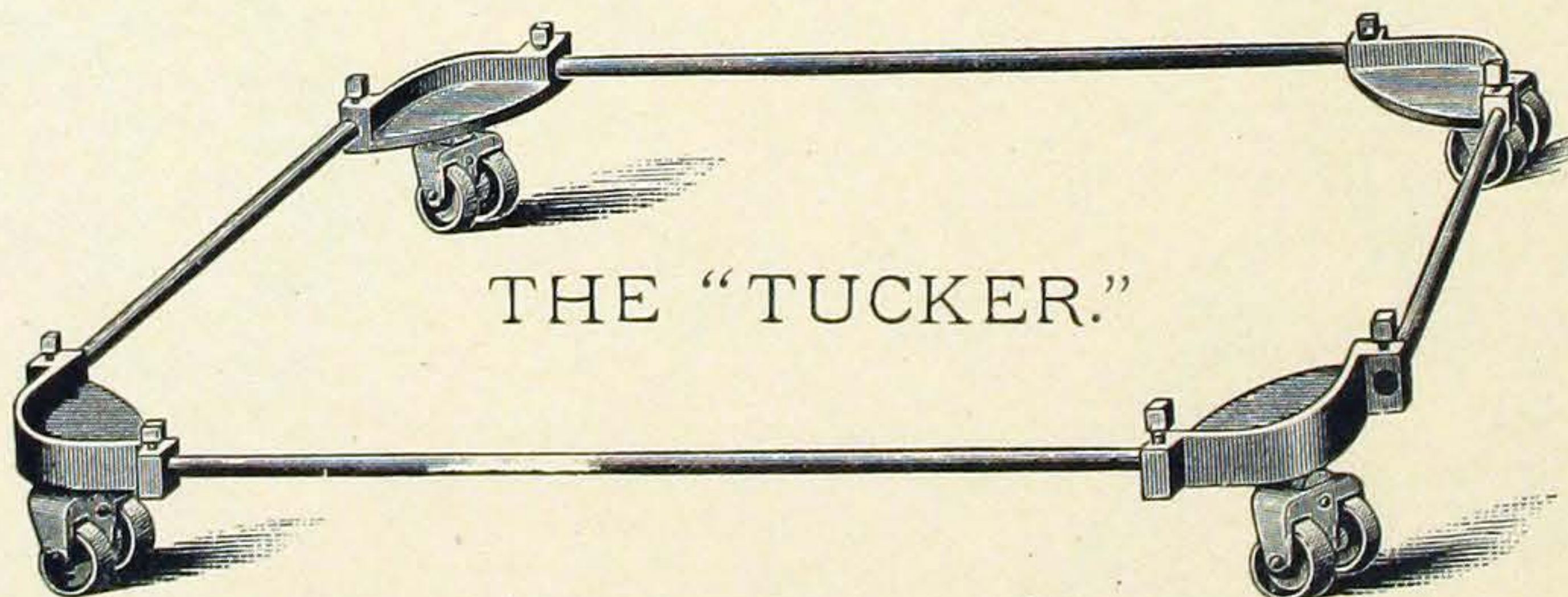
THE BEST TRUCK MADE.

The frame is wrought iron. Is simple and very easily adjusted. Is not clumsy under your stove. By cutting off bars you can reduce to 12 x 12. A board placed on top gives you a perfect floor upon which to rest your stove while setting it up. Only one size necessary for all stoves.

Mounted on Martin's Patent Double-wheel Casters.

Price, per dozen, \$30.00
Packed $\frac{1}{2}$ dozen in a crate.

The "Tucker" Wrought Iron Adjustable Stove Truck.



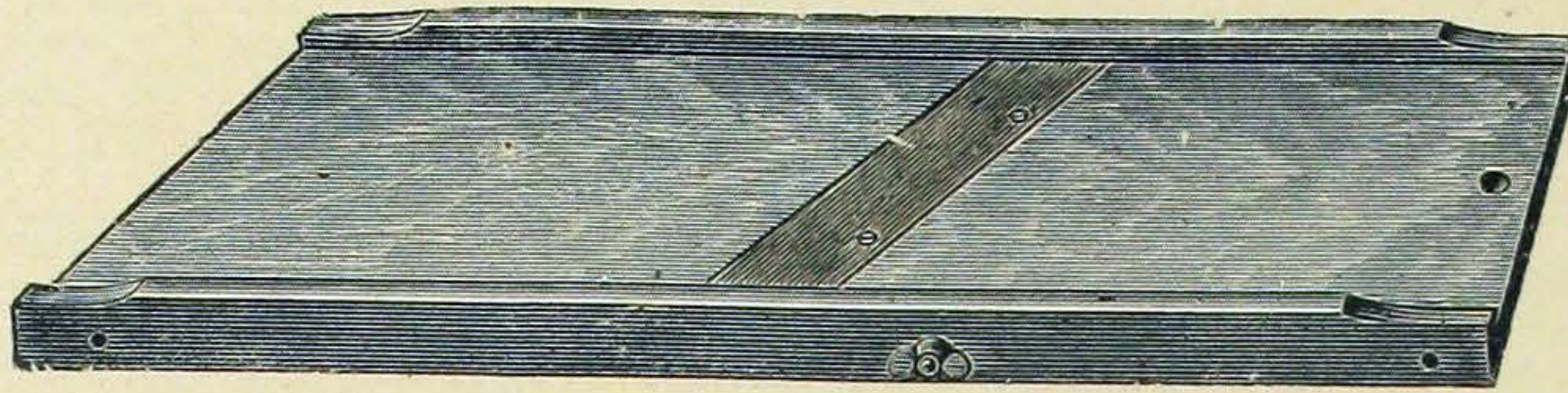
A PERFECT STOVE TRUCK.

The strongest, neatest, simplest and lowest priced truck ever offered to the trade. Is easily adjusted, by cutting off rods, to fit any size stove, leaving no surplus material to detract from the good appearance of your display.

Mounted on Martin's Patent Double-wheel Casters.

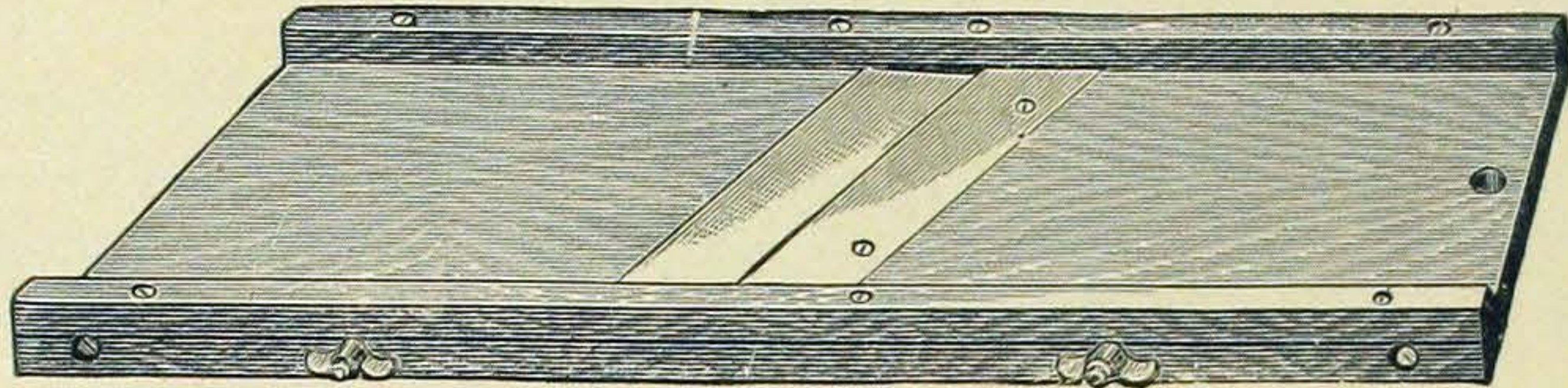
Price, per dozen, \$20.00
Packed $\frac{1}{2}$ dozen in a box.

SLAW CUTTERS.



No. 1, 1 Knife, per gross,
 " 1, 1 " " with sliding box,

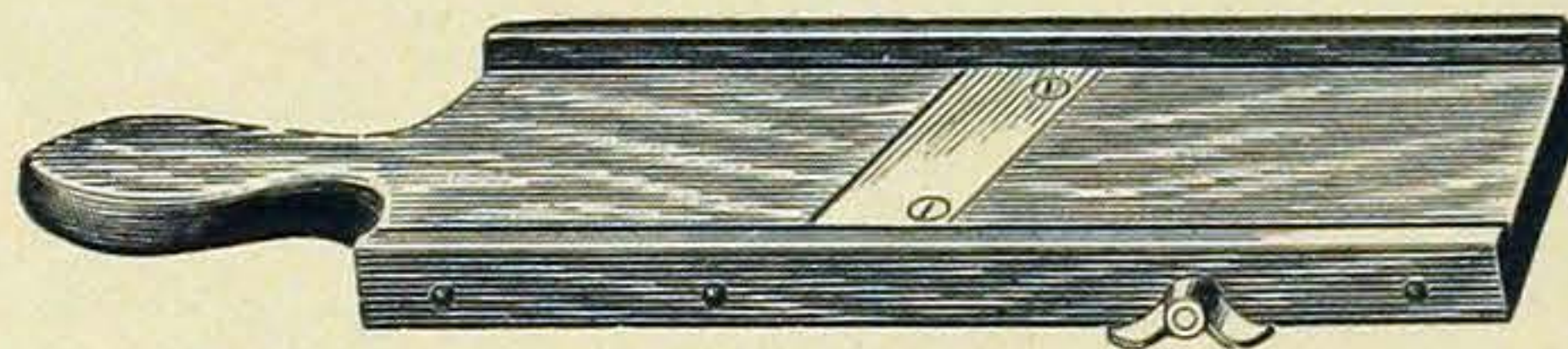
\$40.00
 60 00



No. 2, 2 Knives, per gross,
 " 3, 3 " "

\$60.00
 66.00

VEGETABLE CUTTERS.



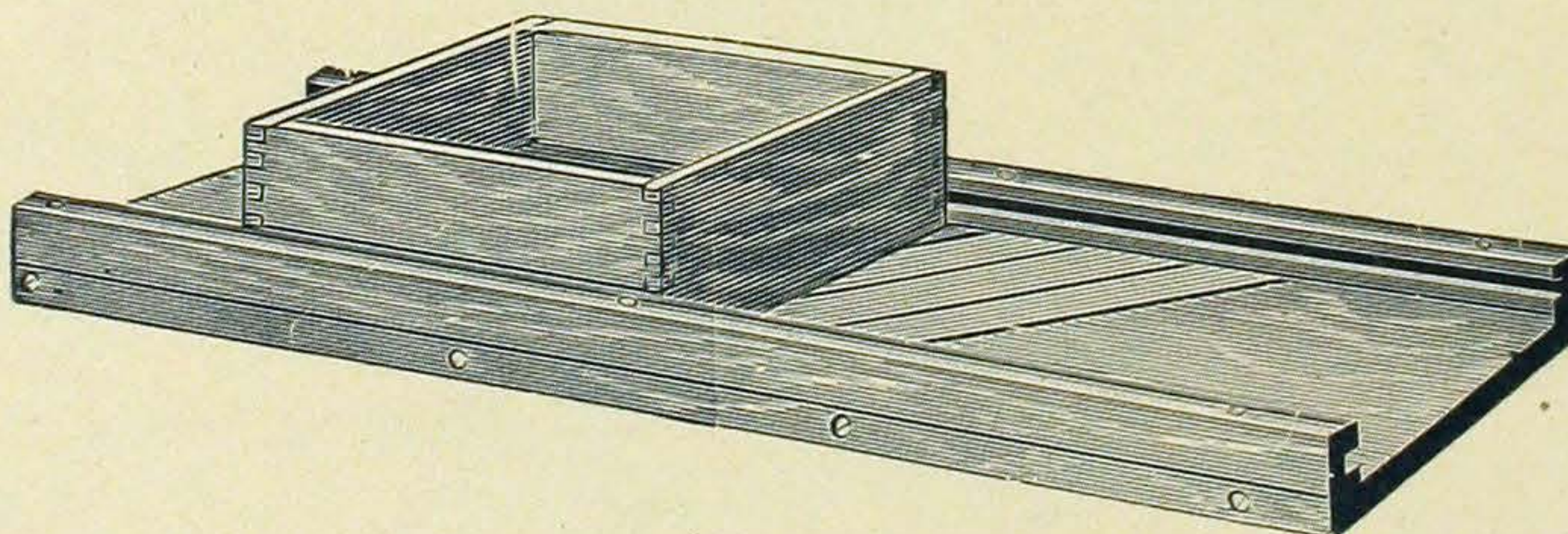
Per gross,

\$30.00

Slaw cutters packed one dozen in a box.

Vegetable cutters packed one-half gross in a box.

KRAUT CUTTERS.



No. 1, 1 Knife, with box 8 x 26, per dozen,
 " 2, 2 Knives, " " "
 " 3, 3 " " " "
 " 4, 4 " " " "
 " 5, 3 " " 9 x 30, "
 " 6, 2 " " 12 x 36, each,
 " 7, 3 " " " "
 " 8, 4 " " " "
 " 9, 3 " " 12 x 40, "
 " 10, 4 " " " "

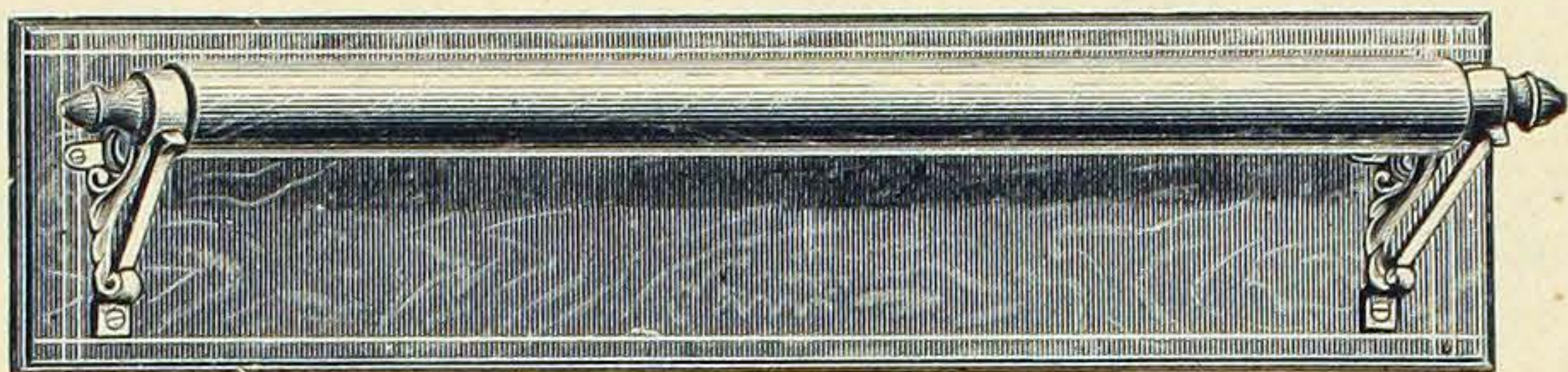
\$15.60
 16.00
 18.50
 20.00
 30.00
 3.60
 4.00
 4.50
 4.50
 5.00

Our kraut and slaw cutters are made from well-seasoned cherry, and fully guaranteed to be first-class goods in every respect.

Nos. 1 to 4 packed one dozen in a crate.

Nos. 5 to 10 packed one-half dozen in a crate.

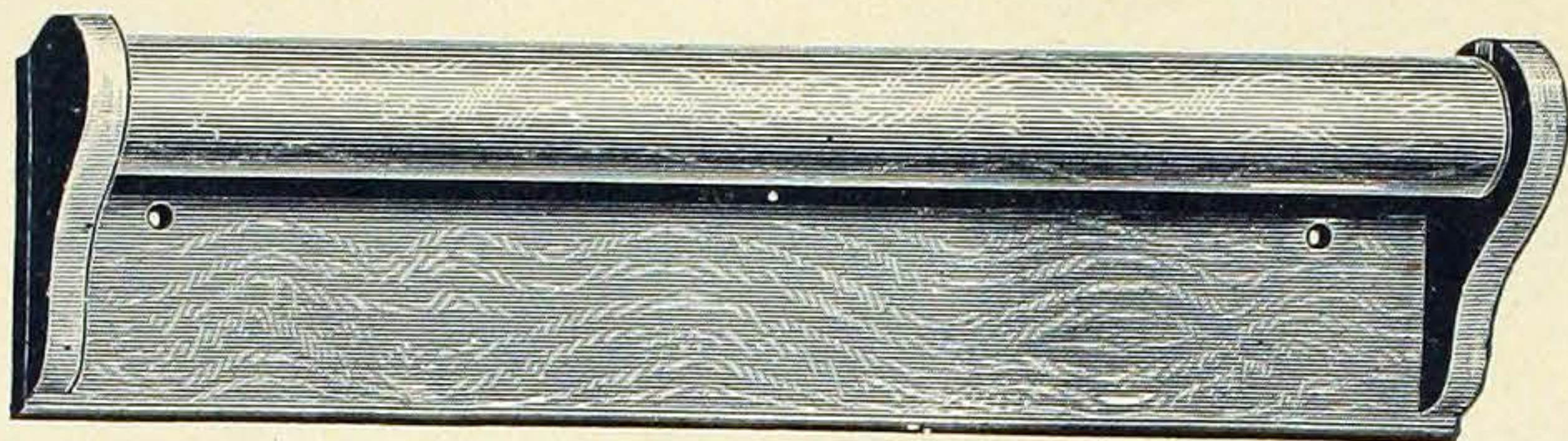
TOWEL ROLLERS.

**No. 1.**

No. 1, Walnut roller and back, per gross, . . . \$48.00

No. 1, Cherry roller and back, " . . . 48.00

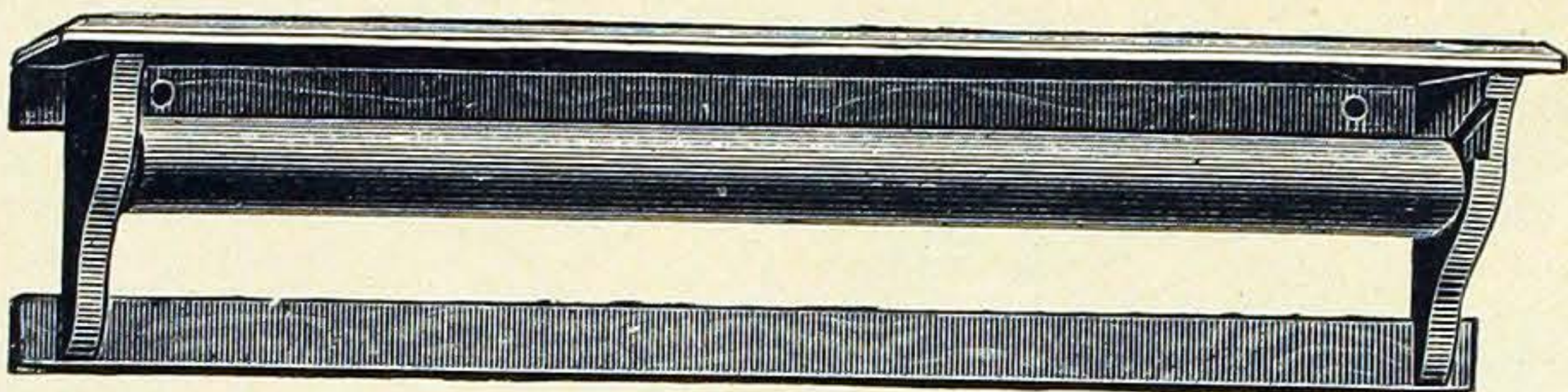
Polished roller and varnished back.

**No. 1-A.**

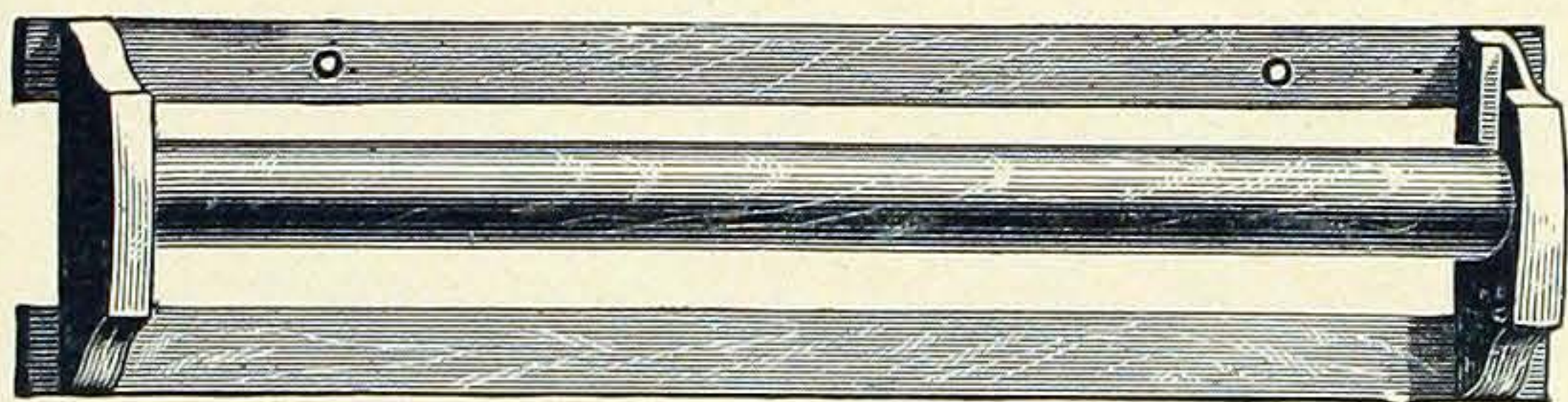
No. 1-A, with wood bracket, ash, per gross, \$40.00

" 1-A, with wood bracket, walnut, per gross, 40.00

Polished roller and varnished back.

**No. 2.**

No. 2, with shelf, per gross, . . . \$20.00

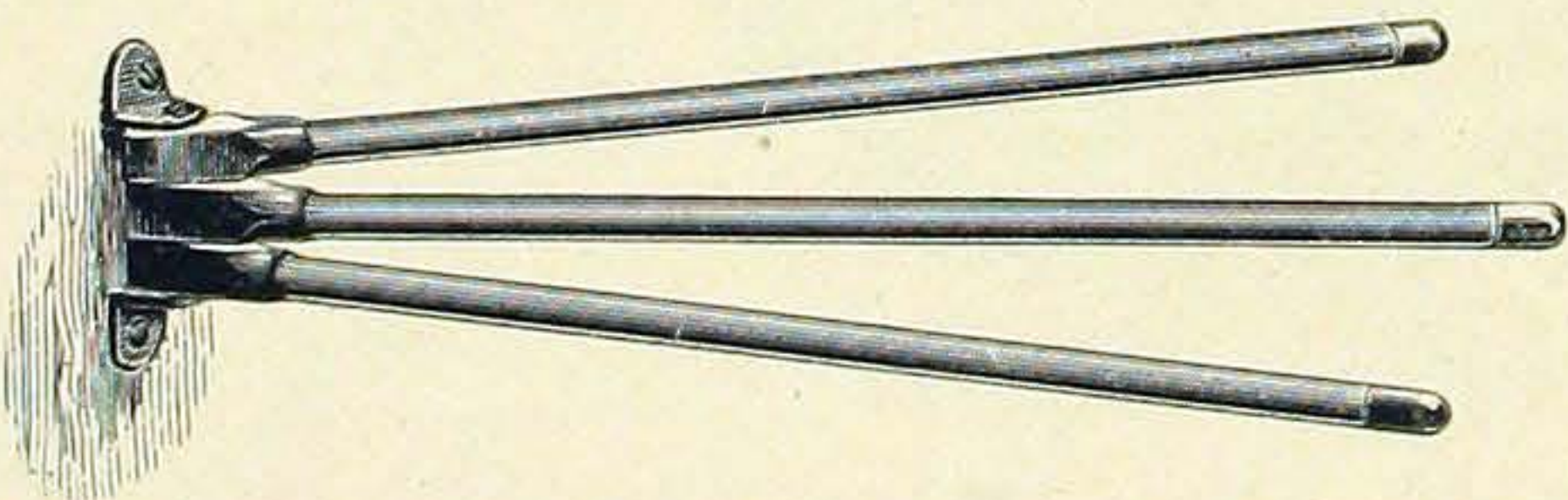
**No. 3.**

No. 3, Open back, per gross, . . . \$12.00

" 3-A, Solid back, per gross, . . . 12.00

Towel rollers packed 1 dozen in a box.

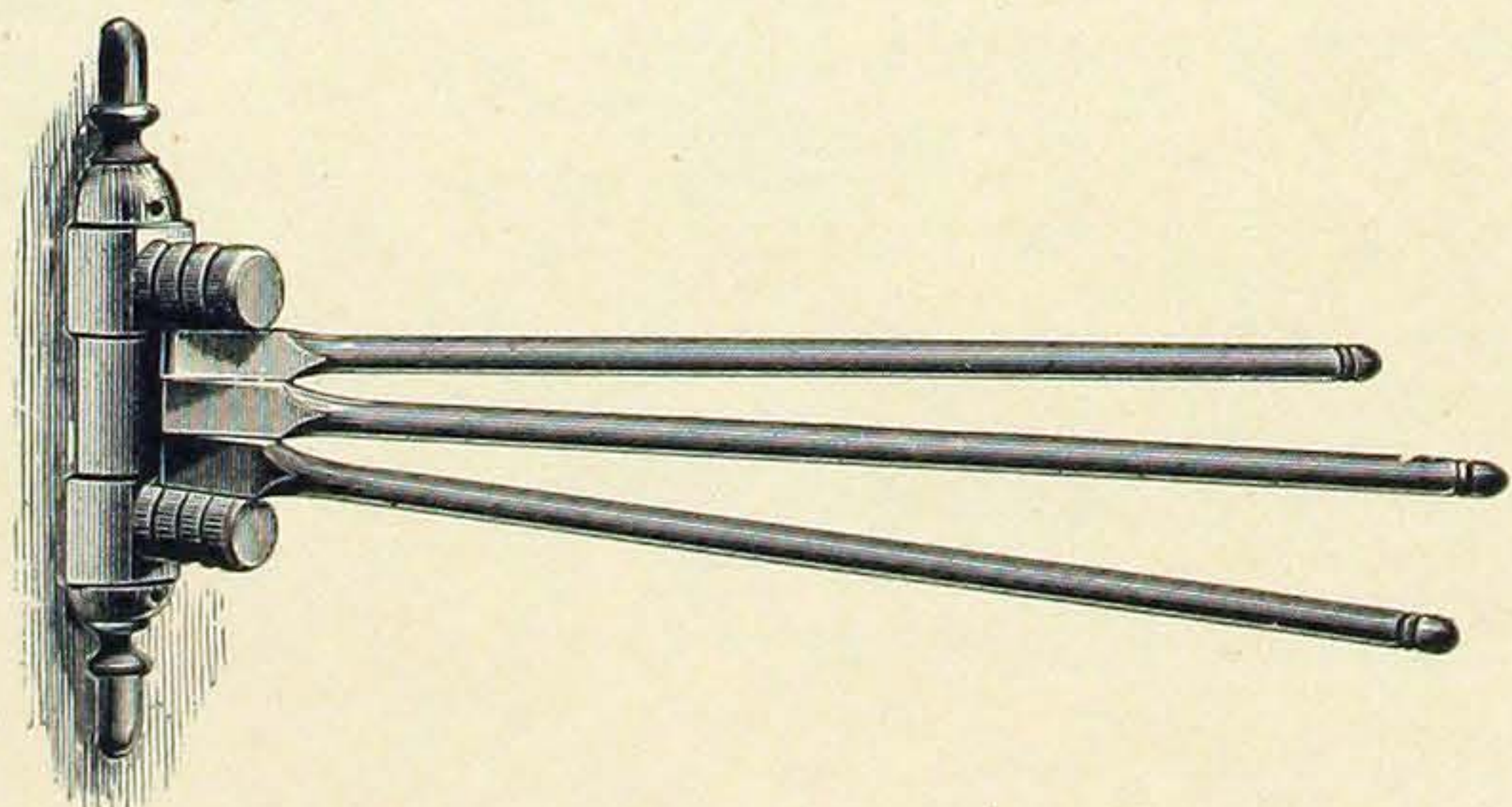
TOWEL RACKS.



With nickel tips, per gross, . . . \$14.00

Without " " . . . 11.00

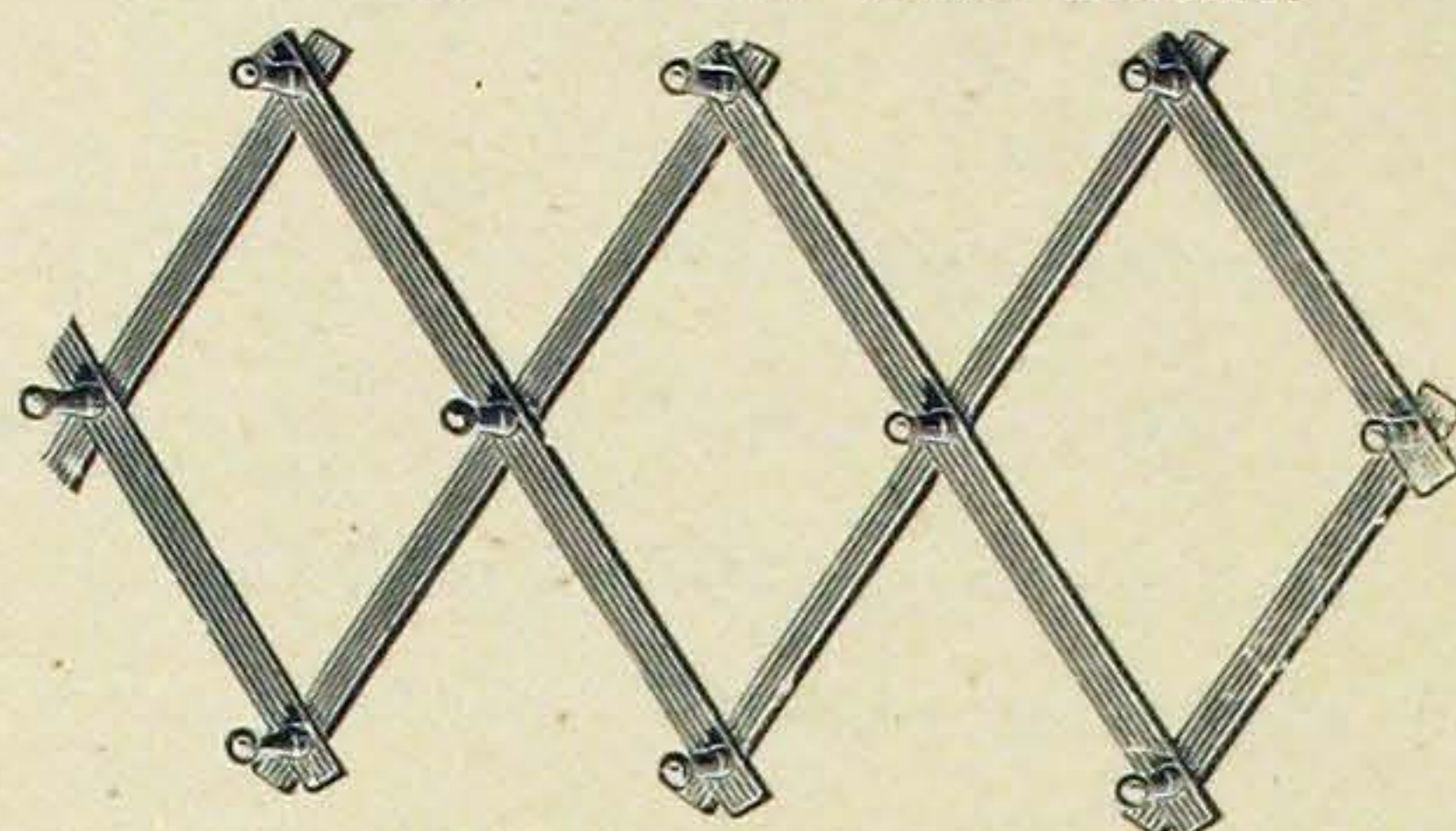
Packed 1 gross in a box.



Wood backs, per gross . . . \$20.00

Packed ½ gross in a box.

Folding Hat and Coat Racks.

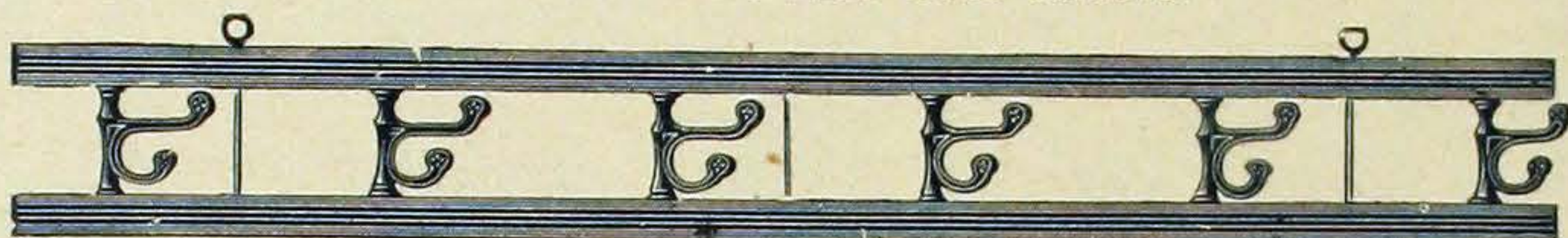


7 Pin,
10 "
13 "

per gross, \$14.00
" 20.00
" 26.00

Packed $\frac{1}{2}$ gross in a crate.

Iron Hook Hat and Coat Racks.

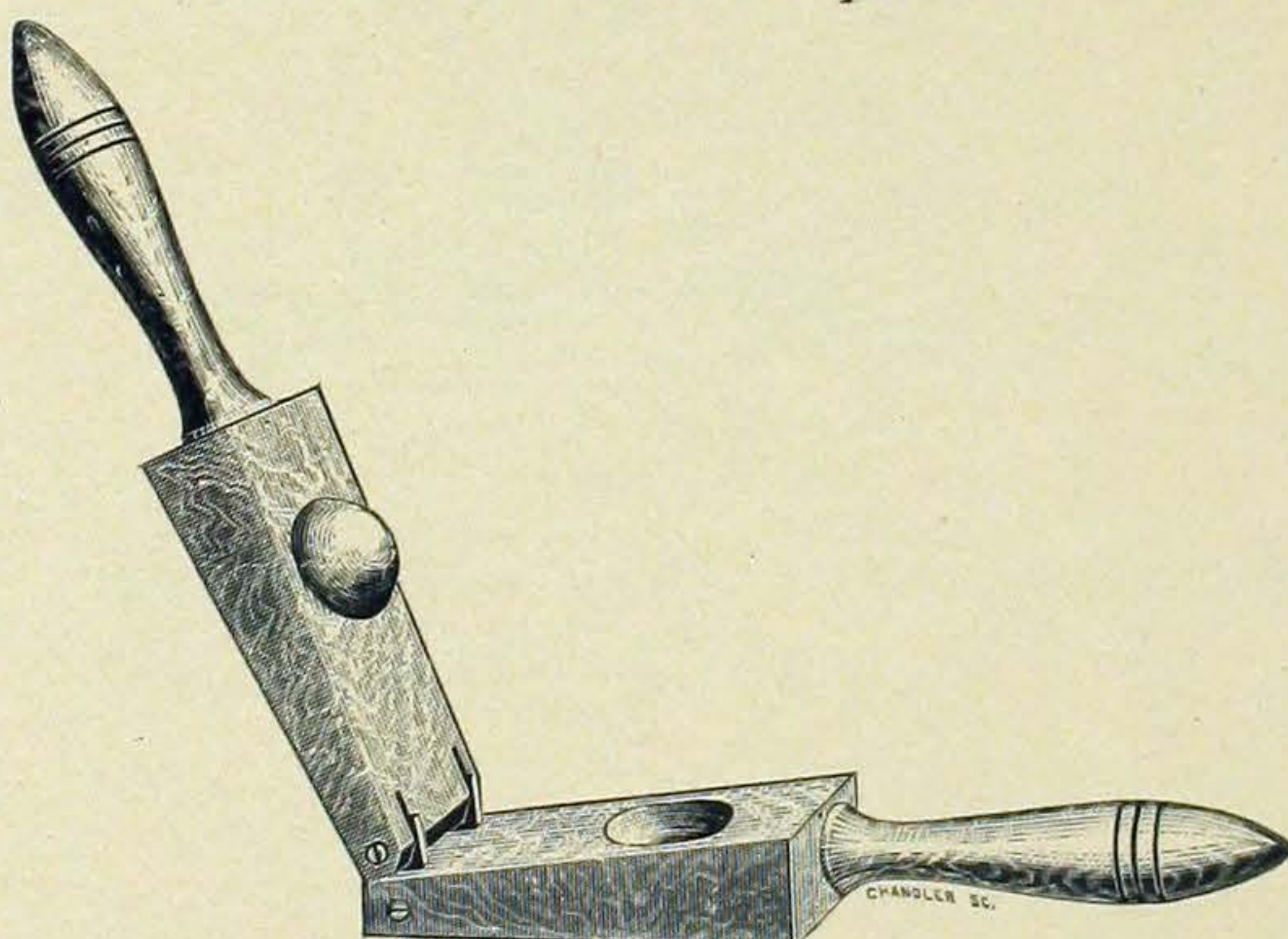


2 Hooks,
4 "
5 "
6 "
8 "

per gross, \$ 8.00
" 12.00
" 14.00
" 16.00
" 24.00

Packed 1 gross in a crate.

Wood Ball Lemon Squeezers.



No. 1, Common,
" 2, Large size, tinned hinge,

per gross, \$15 00
" 18.00

Packed $\frac{1}{2}$ gross in a box.

Knife Trays.



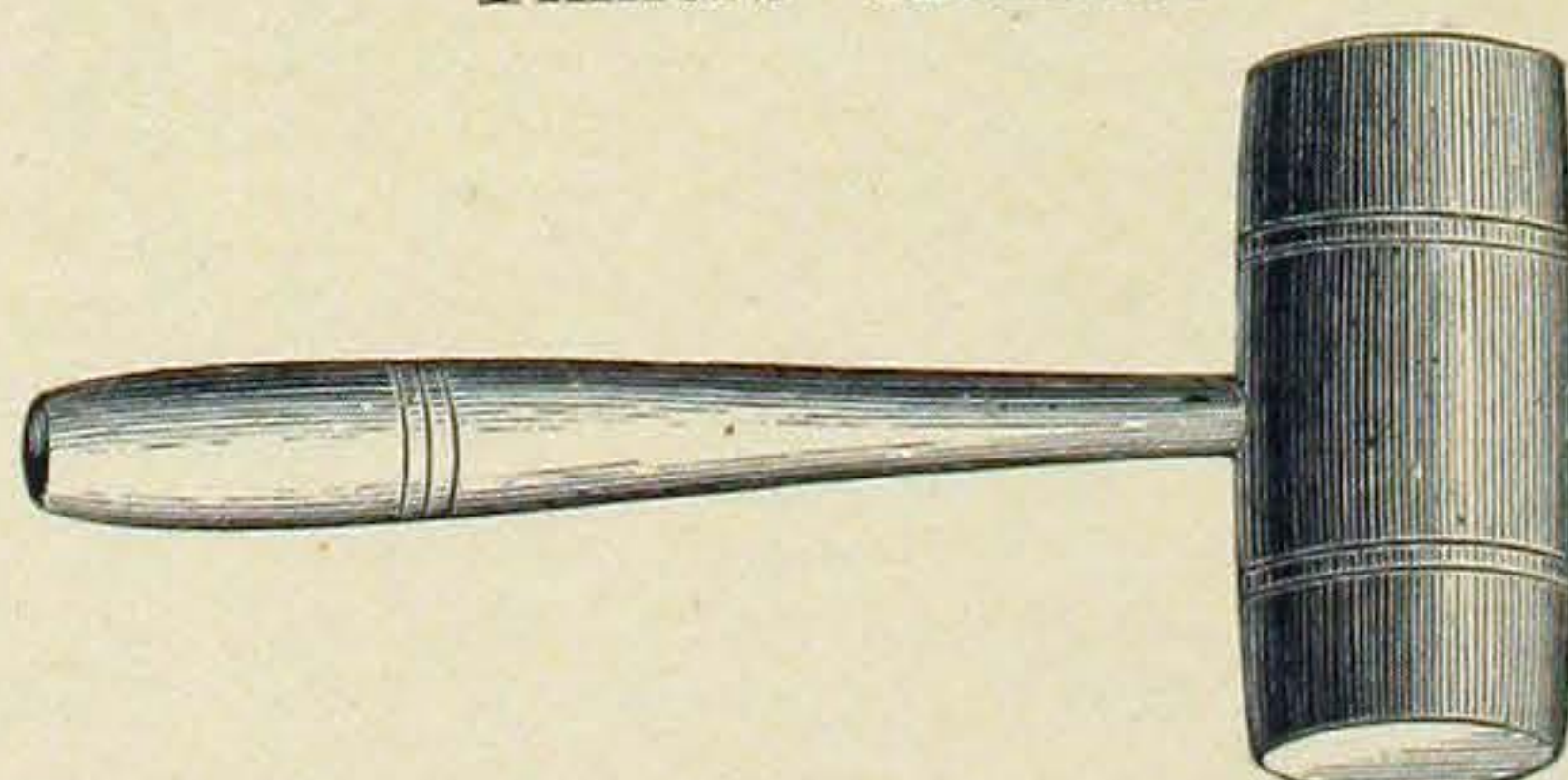
Dovetailed and varnished.

Walnut,
Ash,
Poplar,

per gross, \$30.00
" 20.00
" 18.00

Packed 2 dozen in a crate.

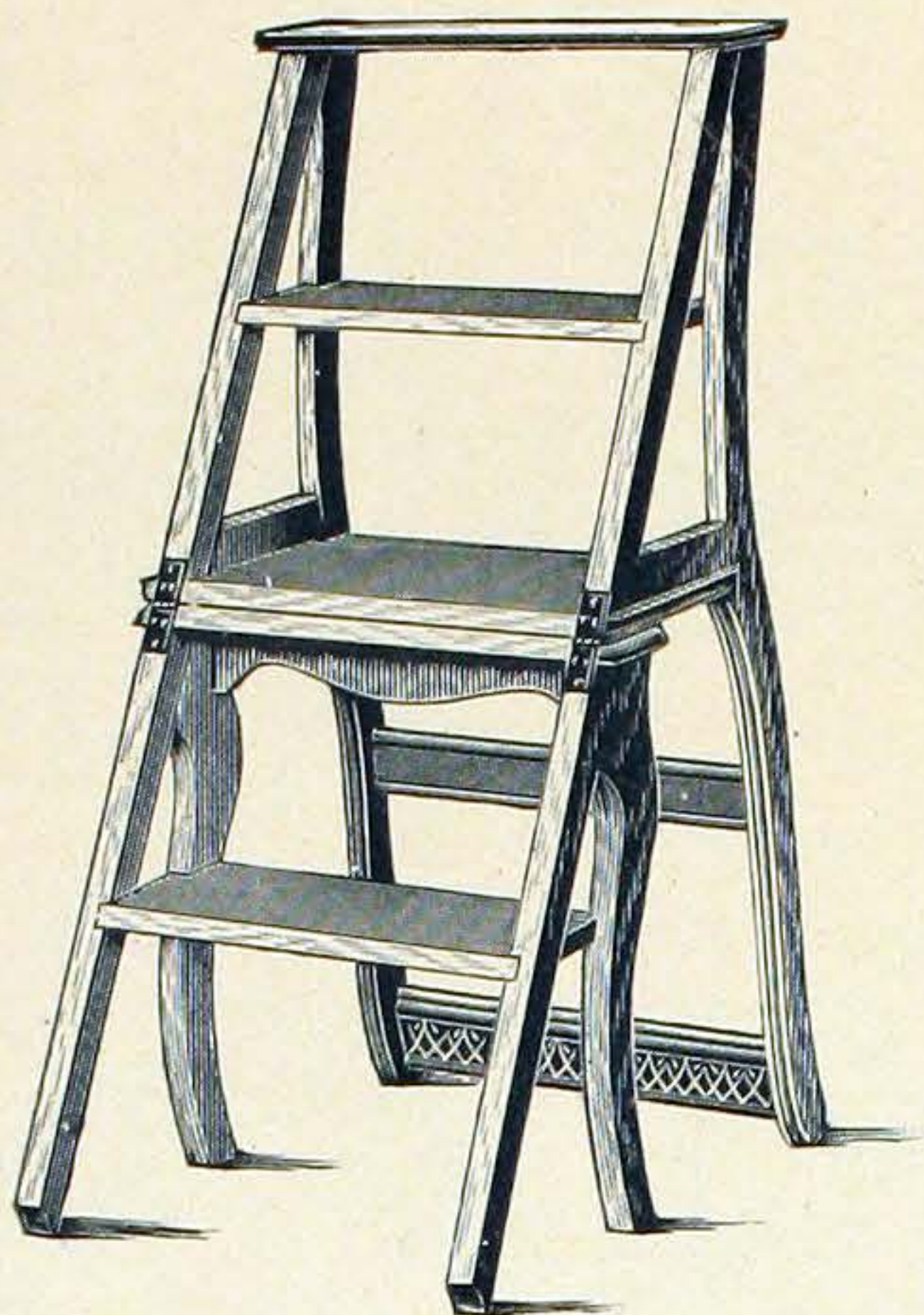
Tinners' Mallets.



$2\frac{3}{4}$ inch,

Packed $\frac{1}{2}$ gross in a barrel.

per gross, \$12.00

COMBINED STEP LADDER AND CHAIR.

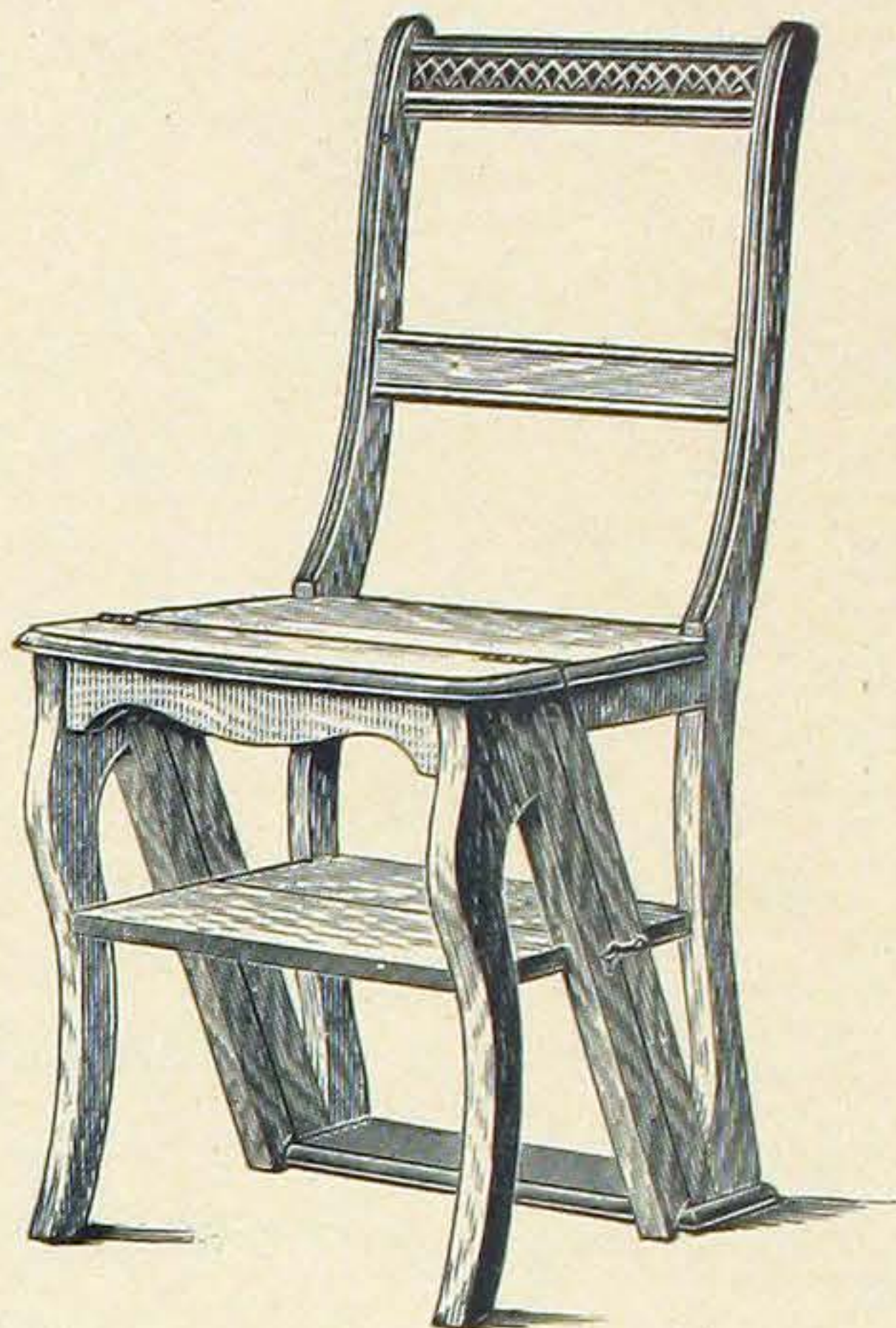
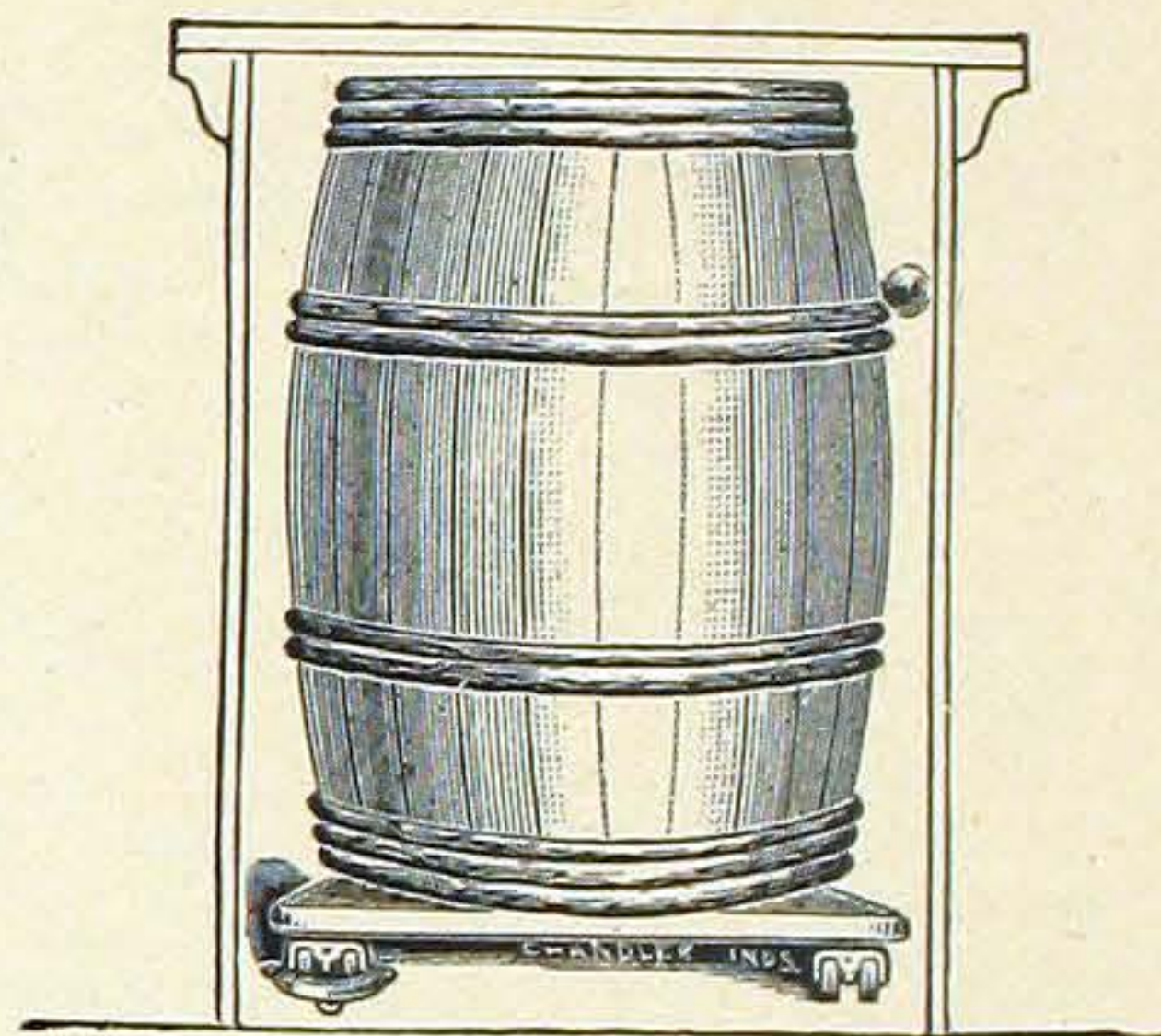
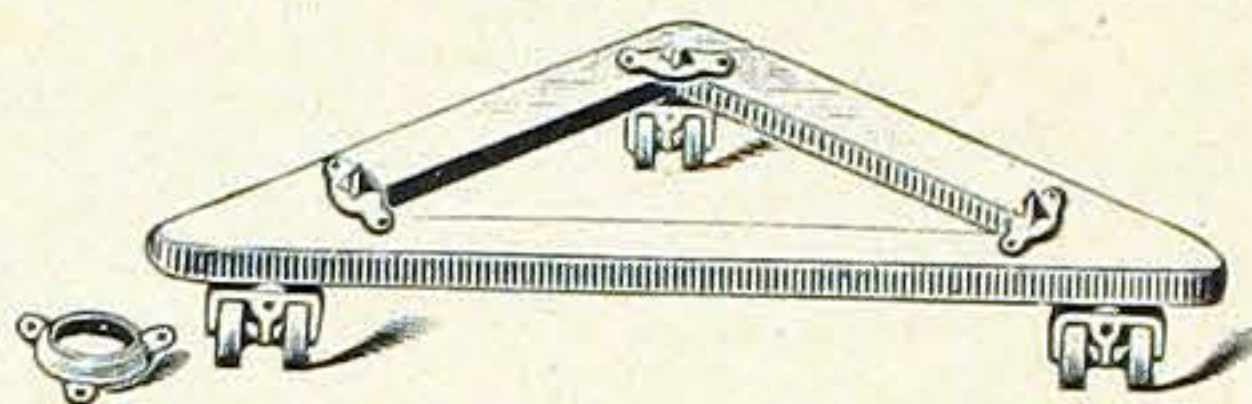
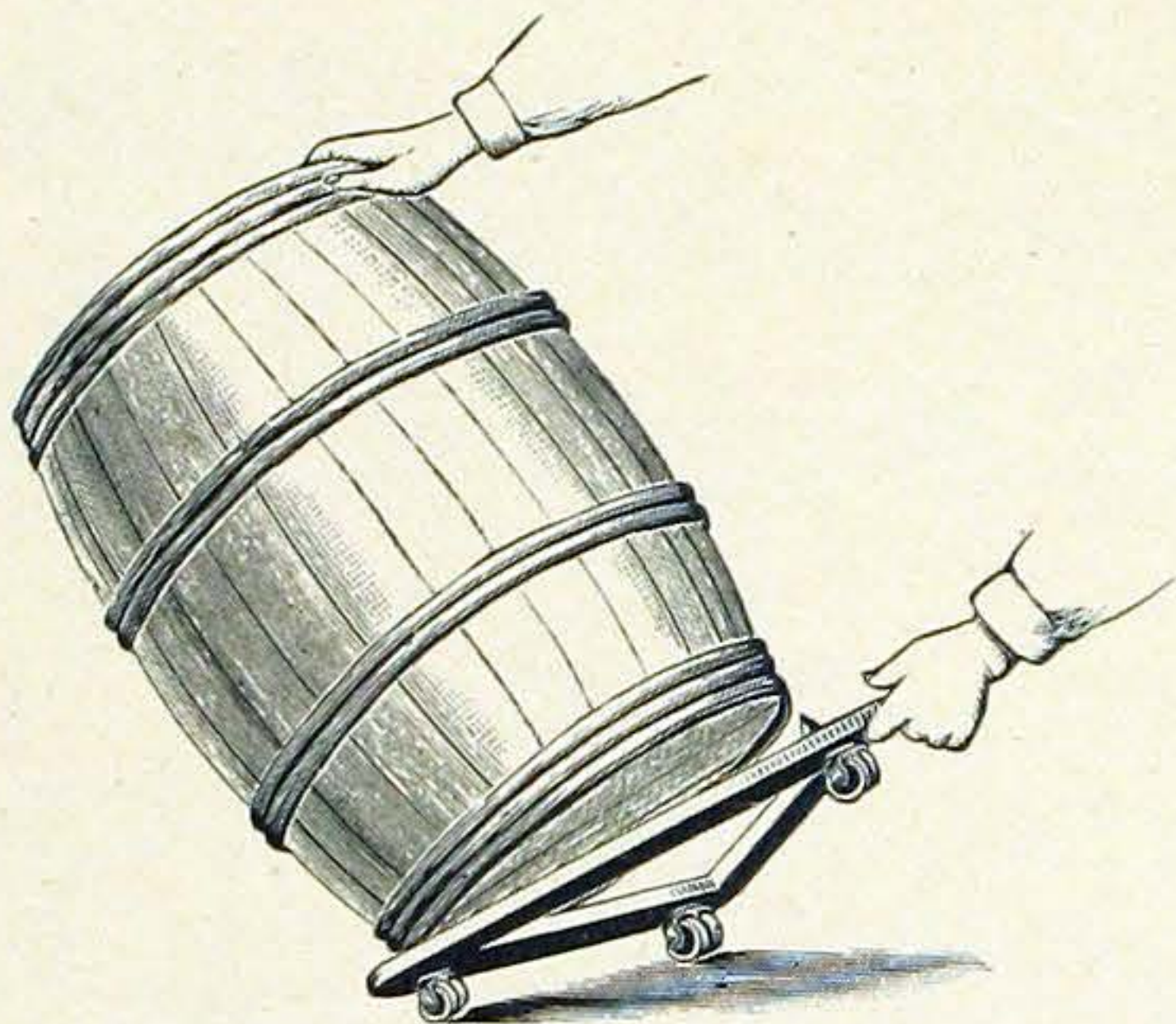
Handsomely finished in oak.

No household should be without one.

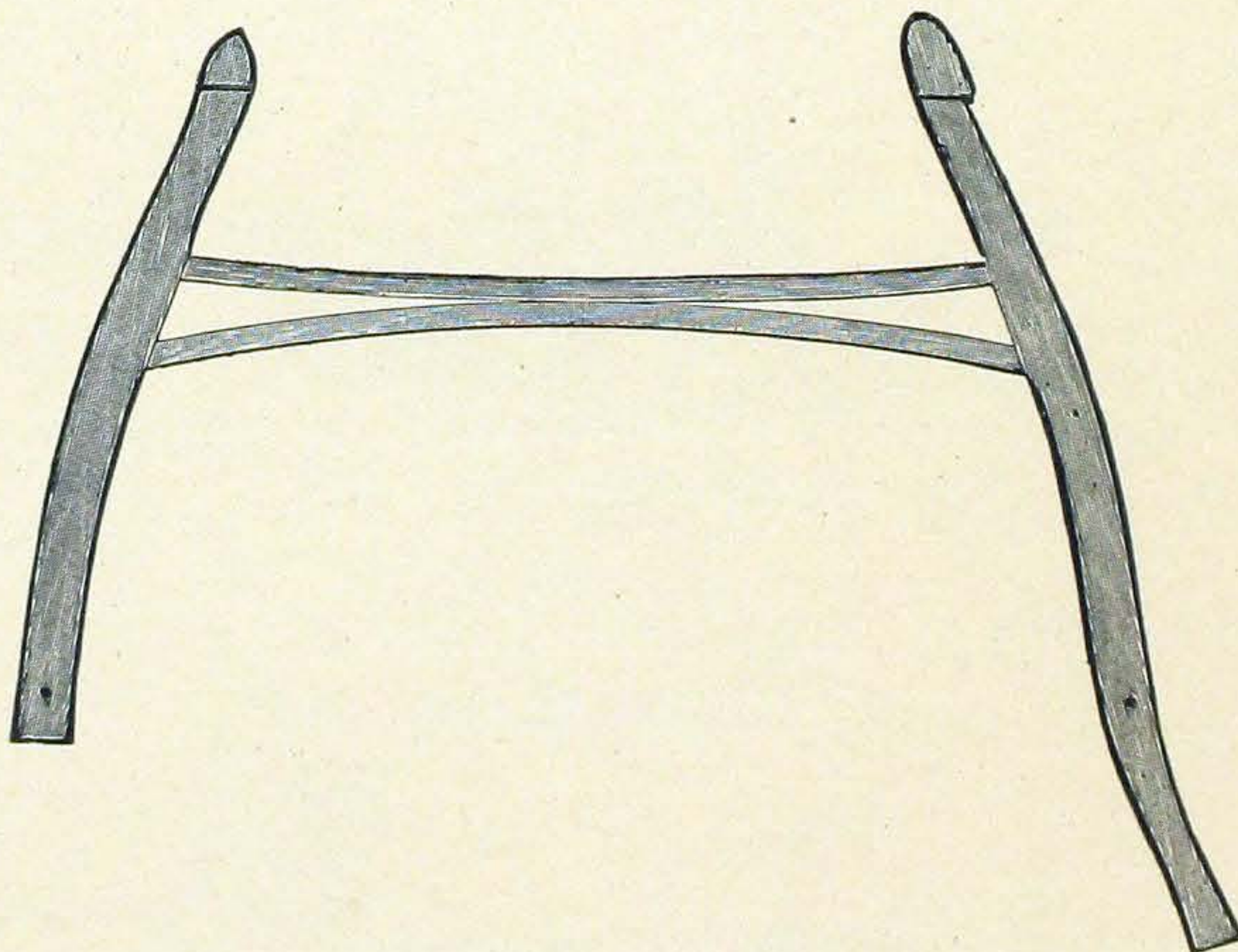
Always serviceable as a chair, and always at hand when wanted as a ladder.

House keepers can appreciate the use of this article in washing windows, hanging curtains and pictures, and in doing such other work about a house where a ladder is necessary.

Price, per doz , \$18.00

**STONE'S PATENT BARREL TRUCK.**

Price, per dozen, \$15.00

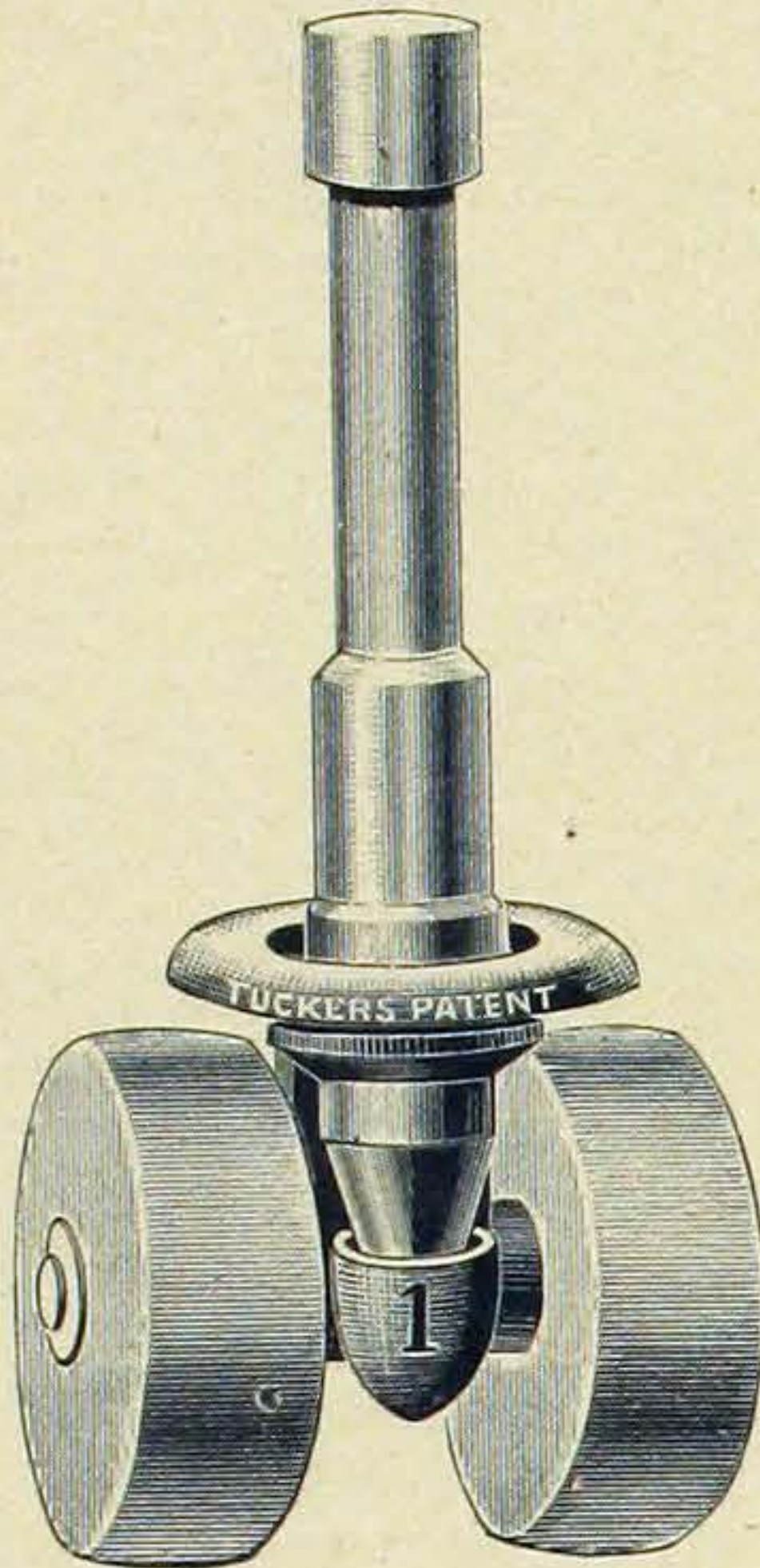
SAW FRAMES.

Common Saw Frames, plain,	per gross, \$18.00
" " " red,	" 30.00
Braced " " plain,	" 24.00
" " " red,	" 36.00

Packed $\frac{1}{2}$ gross in a crate.

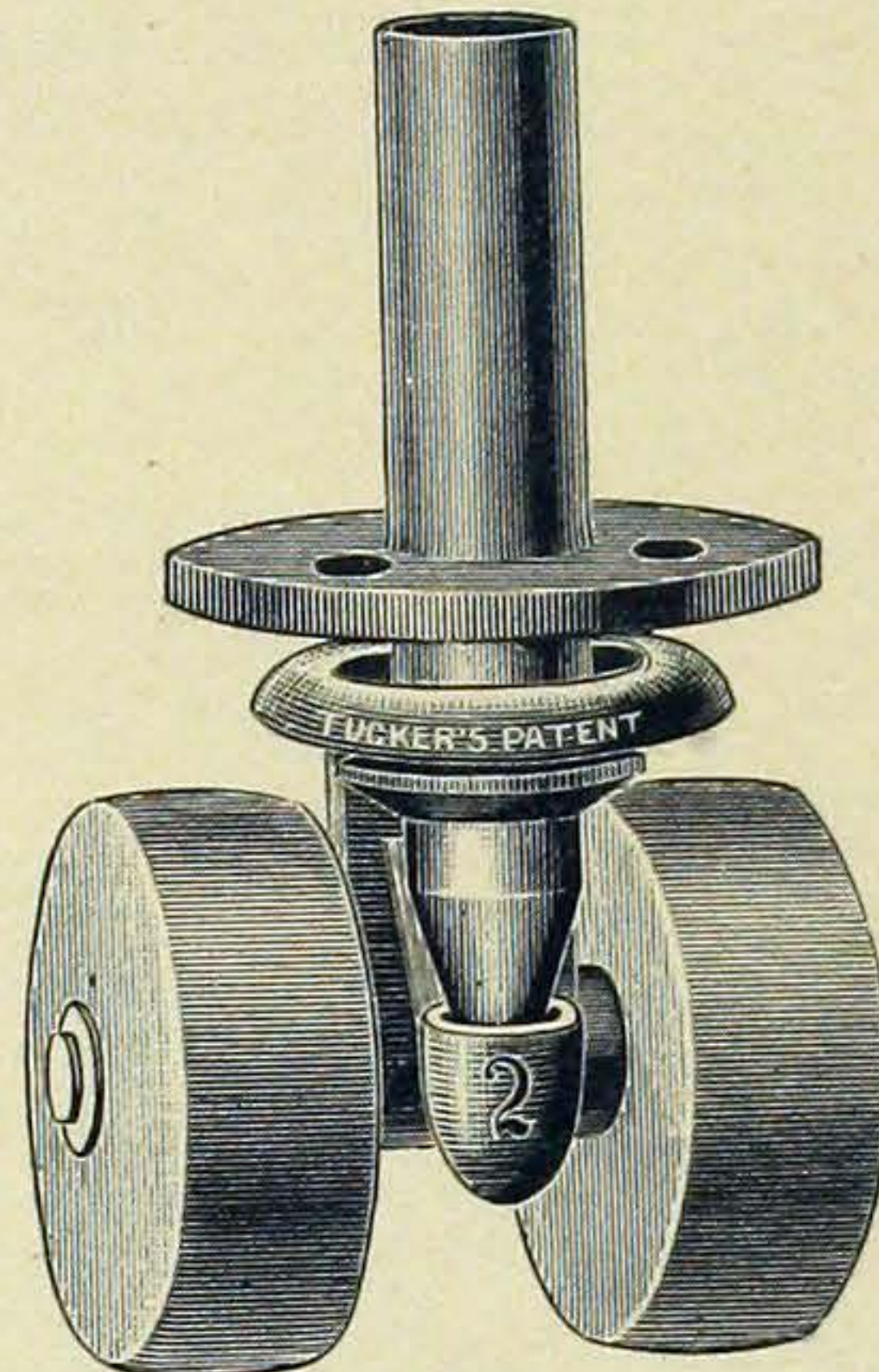
TUCKER'S PATENT FURNITURE CASTER.

FULL SIZE CUTS.

No. 1 Fox Stem.
No. 1.Diameter of wheels, $\frac{7}{8}$ inches.

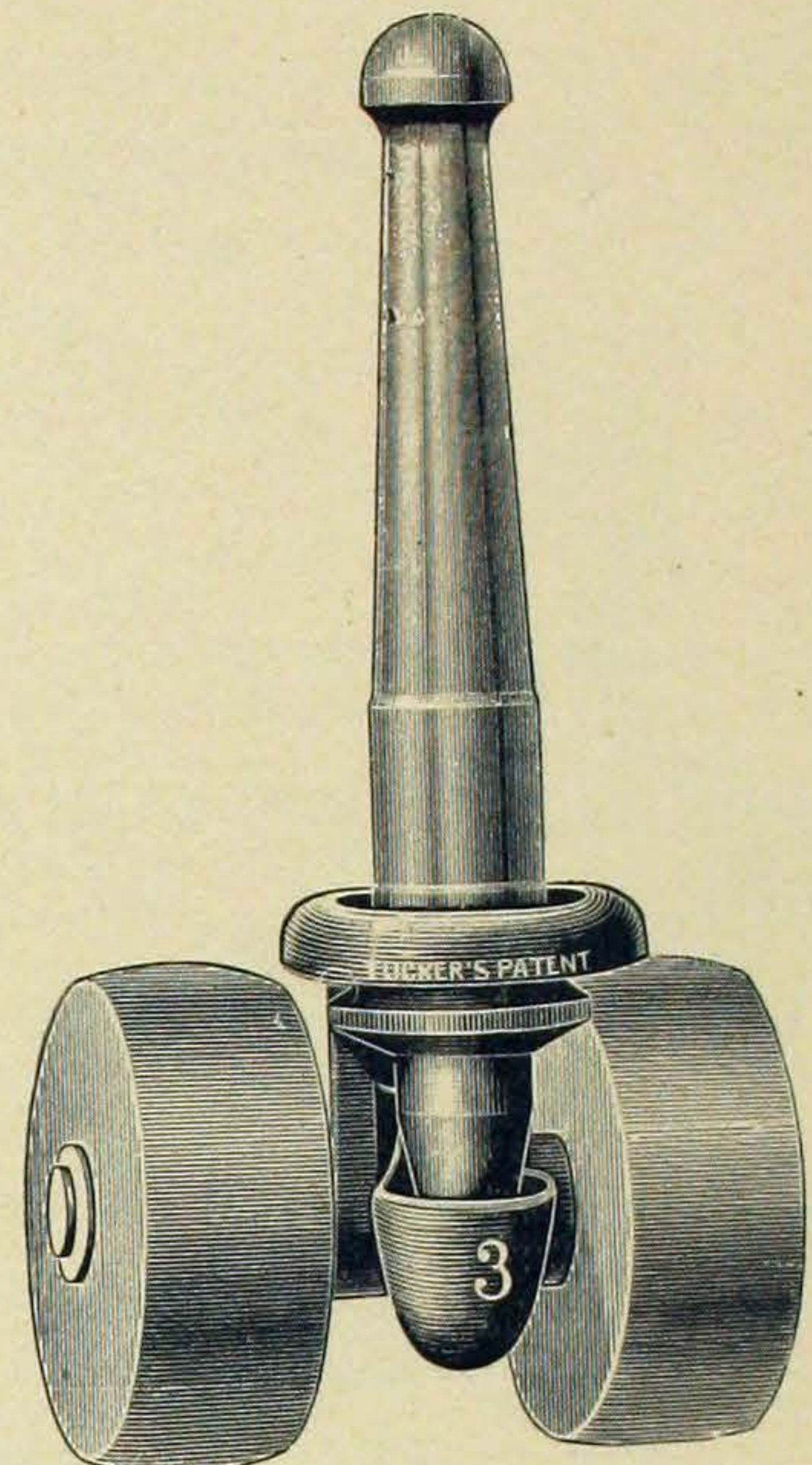
- No. (1-R) Round plate, lignum-vitæ wheels.
 " (1-O) Oblong " " "
 " (1-P) Phoenix stem, " " "
 " (1-F) Fox " " "

List price, . . . per set, 35 cts.

No. 2 Phoenix Stem.
No. 2Diameter of wheels, $1\frac{1}{8}$ inches.

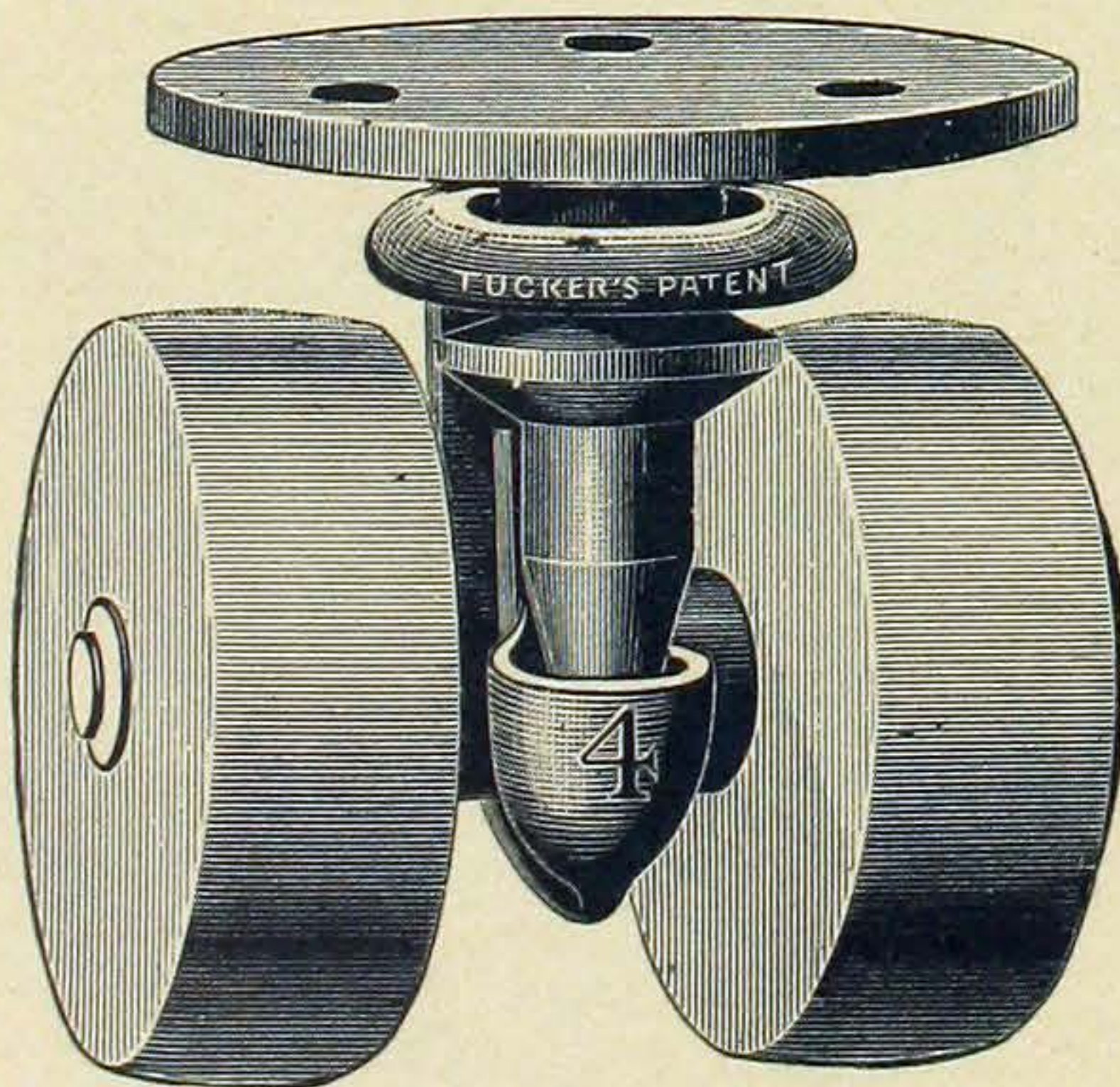
- No. (2-R) Round plate, lignum-vitæ wheels.
 " (2-O) Oblong " " "
 " (2-P) Phoenix stem, " " "
 " (2-F) Fox " " "

List price, . . . per set, 40 cts.

No. 3 Fox Stem.
No. 3.Diameter of wheels, $1\frac{3}{8}$ inches.

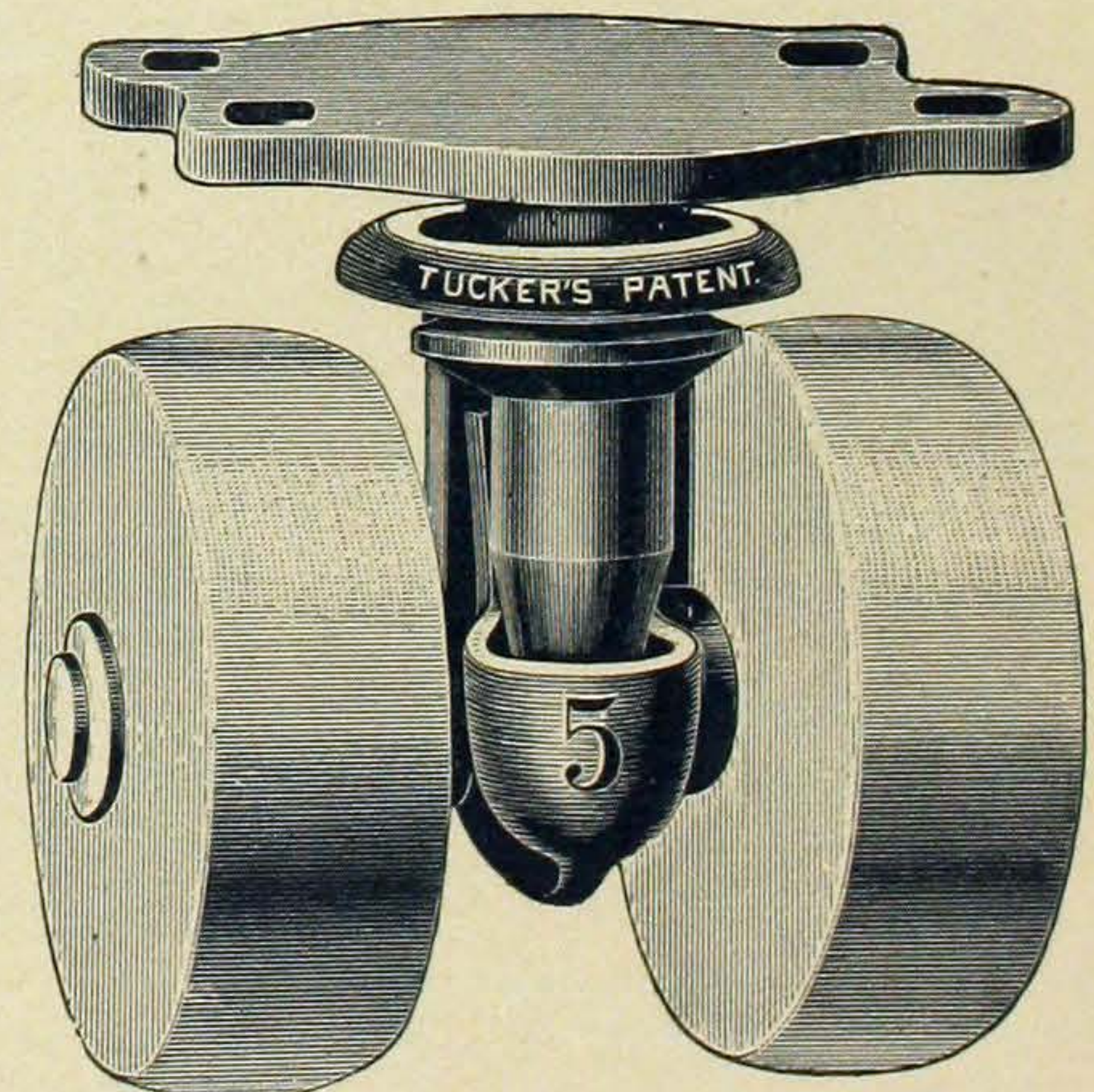
- No. (3-R) Round plate, lignum-vitæ wheels.
 " (3-O) Oblong " " "
 " (3-P) Phoenix stem, " " "
 " (3-F) Fox " " "

List price, . . . per set, 45 cts.

No. 4 Round Plate.
No. 4.Diameter of wheels, $1\frac{1}{8}$ inches.

- No. (4-R) Round plate, lignum-vitæ wheels.
 " (4-O) Oblong " " "
 " (4-P) Phoenix stem, " " "
 " (4-F) Fox " " "

List price, . . . per set, 50 cts.

No. 5 Oblong Plate.
No. 5.Diameter of wheels, $1\frac{1}{8}$ inches.

- No. (5-R) Round plate, lignum-vitæ wheels.
 " (5-O) Oblong " " "
 " (5-P) Phoenix stem, " " "
 " (5-F) Fox " " "

List price, . . . per set, 60 cts.

Packed Six Sets
in a
Neat Wooden Box.

Order by numbers in parentheses.

AGENTS FOR

PHOENIX CASTER COMPANY,

MANUFACTURERS OF

Martin's Patent Castors.

No. 2.

For Light Furniture.

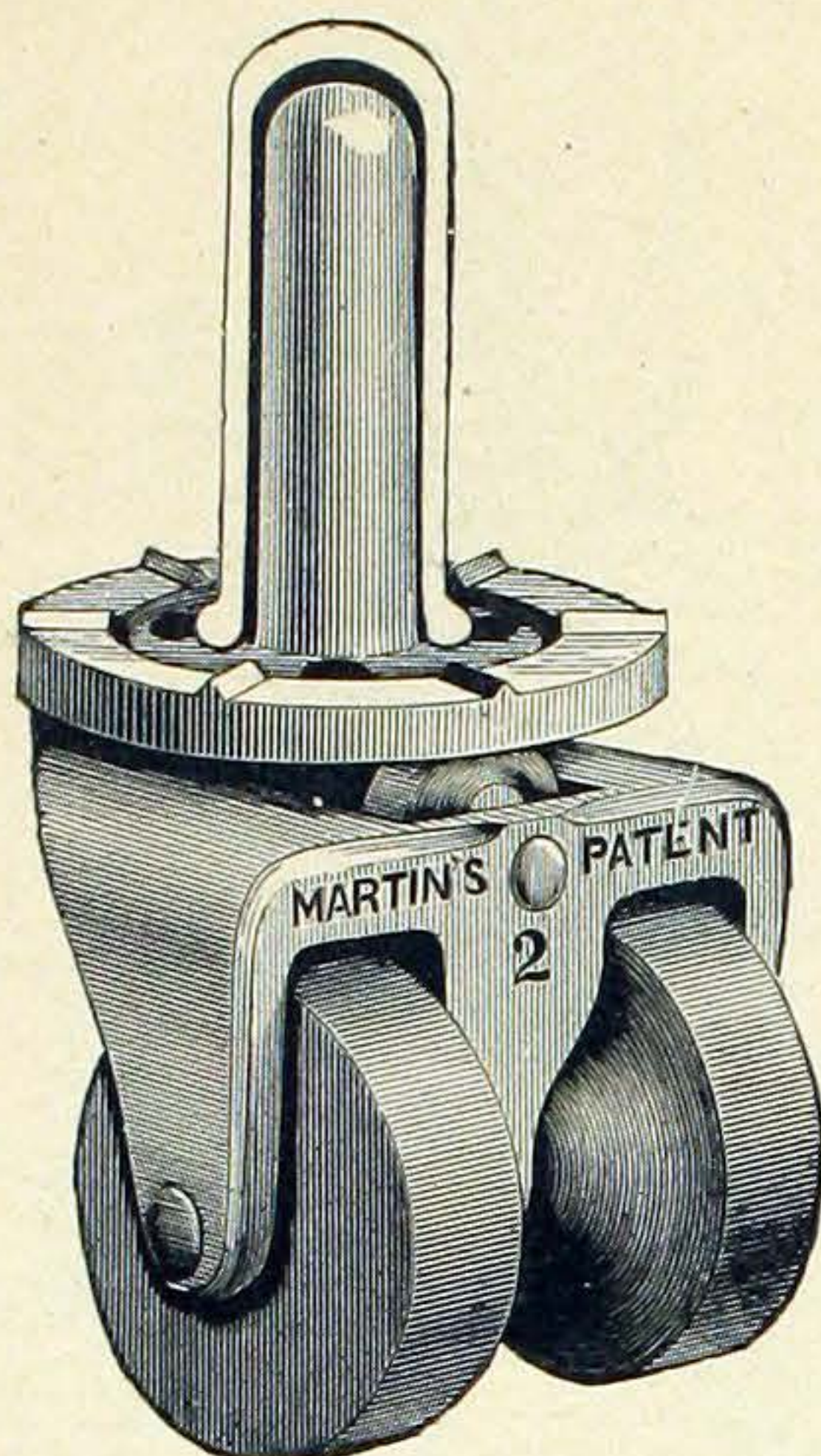
- No. 2. (21)—Round plate, iron wheel.
 " (22)—Oblong plate, iron wheel.
 " *(23)—Stem plate, iron wheel.
 " (203)—Wrought stem, iron wheel.
 " (2003)—Phoenix stem, "
 " (24)—Round plate, porcelain wheel.
 " (25)—Oblong plate, "
 " *(26)—Stem plate, "
 " (206)—Wrought stem, "
 " (2006)—Phoenix stem, "
 " (27)—Round plate, lignum vitæ wheel.
 " (28)—Oblong plate, "
 " *(29)—Stem plate, "
 " (209)—Wrought stem, "
 " (2009)—Phoenix stem, "

List price, per set, 80 cents.

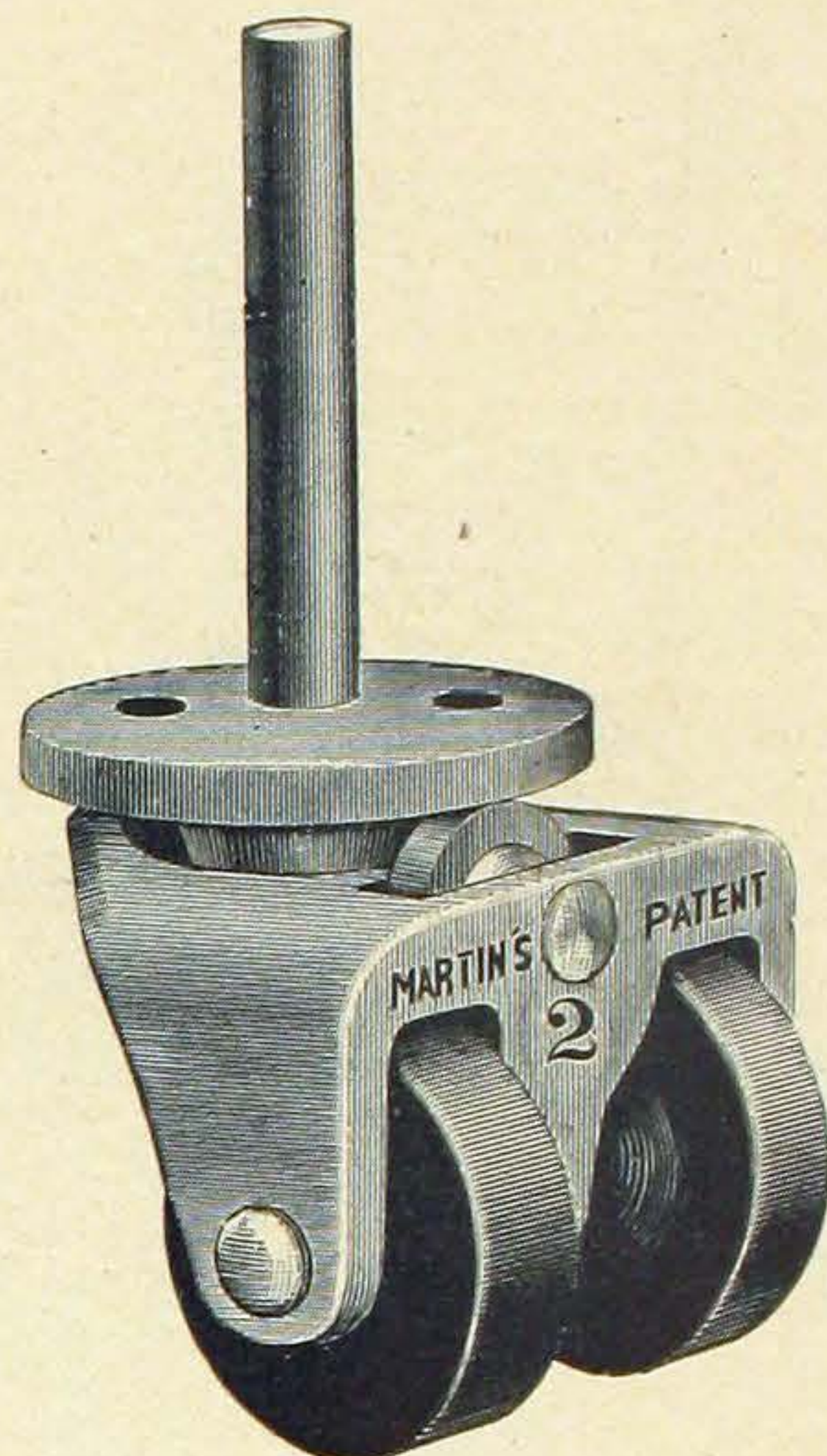
Diameter of wheel, . 1 inch.

* "Stem Plate" is used for "Ordinary Stem Plate."

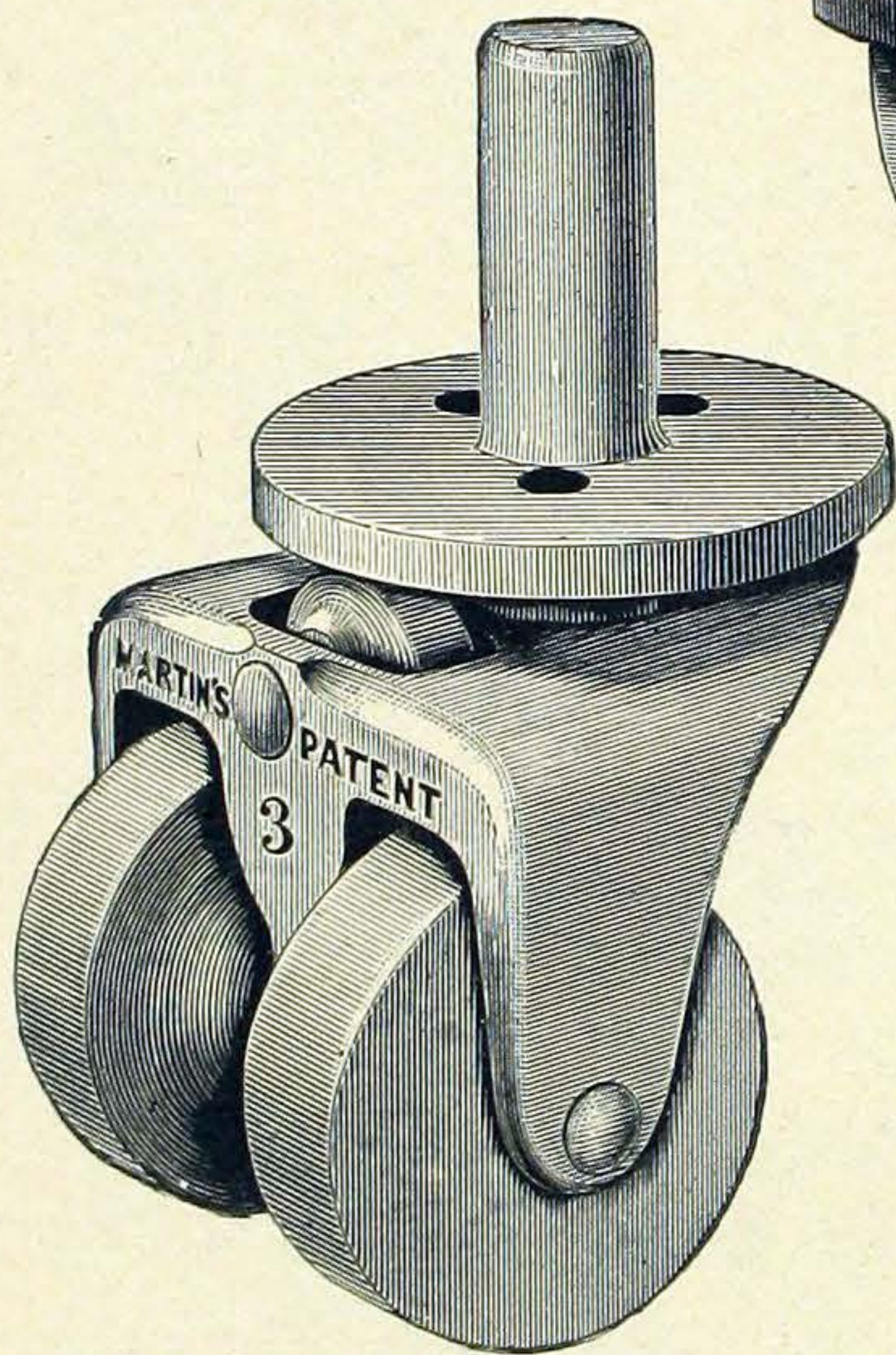
Order by numbers in parentheses.



No. 2. Ordinary Stem.



No. 2. Wrought Stem.



No. 3. Phoenix Stem.

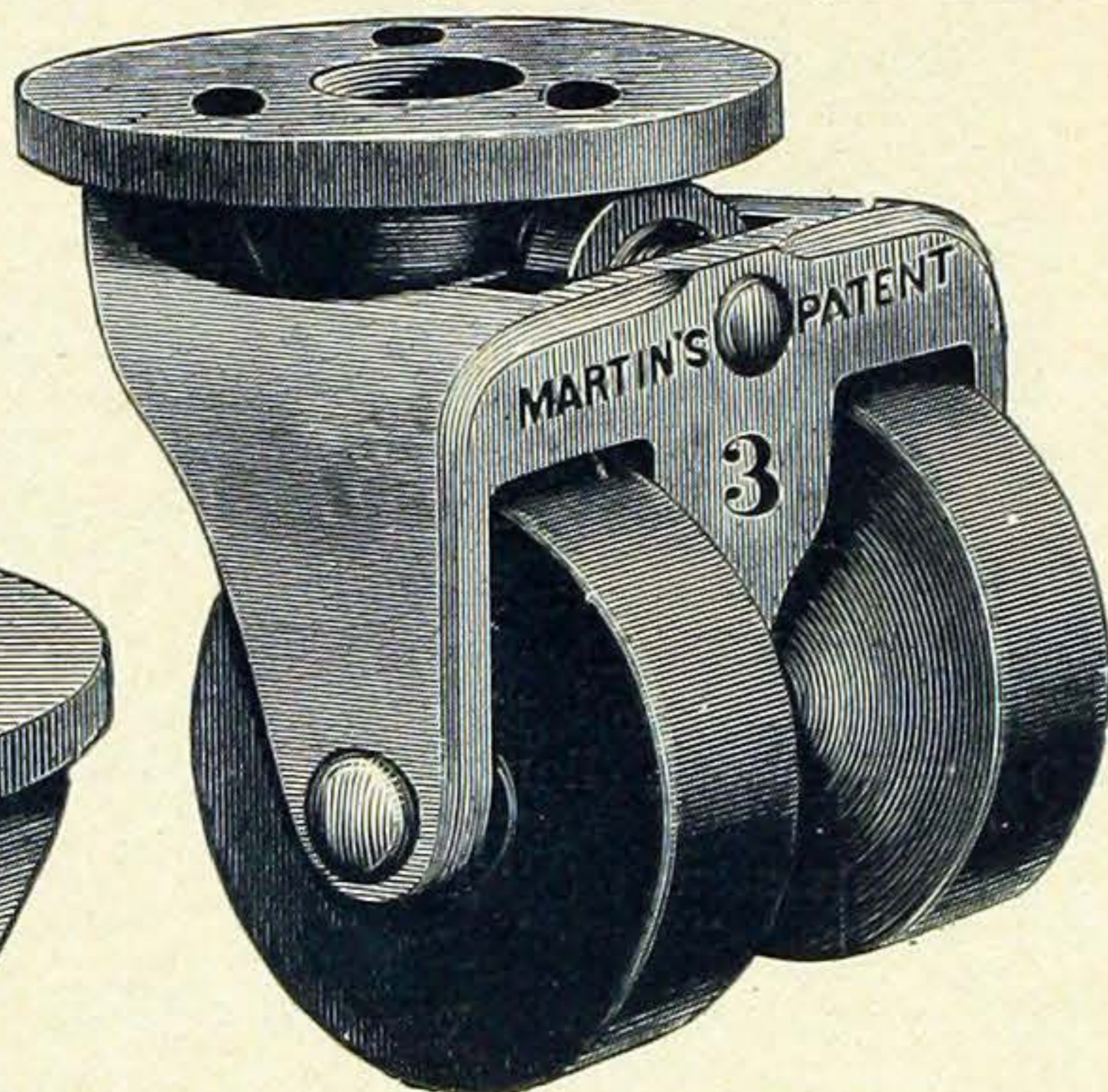
No. 3.

Extension and other Light Tables,
Rope Reels, Flower Stands, etc.

- No. 3. (31)—Round plate, iron wheel.
 " (32)—Oblong " "
 " (33)—Stem " "
 " (303)—Wrought stem "
 " (3003)—Phoenix " "
 " (34)—Round plate, porcelain wheel.
 " (35)—Oblong plate, porcelain wheel.
 " (36)—Stem plate, porcelain wheel.
 " (306)—Wrought stem, porcelain wheel.
 " (3006)—Phoenix stem, porcelain wheel.
 " (37)—Round plate, lignum vitæ wheel.
 " (38)—Oblong plate, lignum vitæ wheel.
 " (39)—Stem plate, lignum vitæ wheel.
 " (309)—Wrought stem, lignum vitæ wheel.
 " (3009)—Phoenix stem, lignum vitæ wheel.

List price, per set, 85 cents.

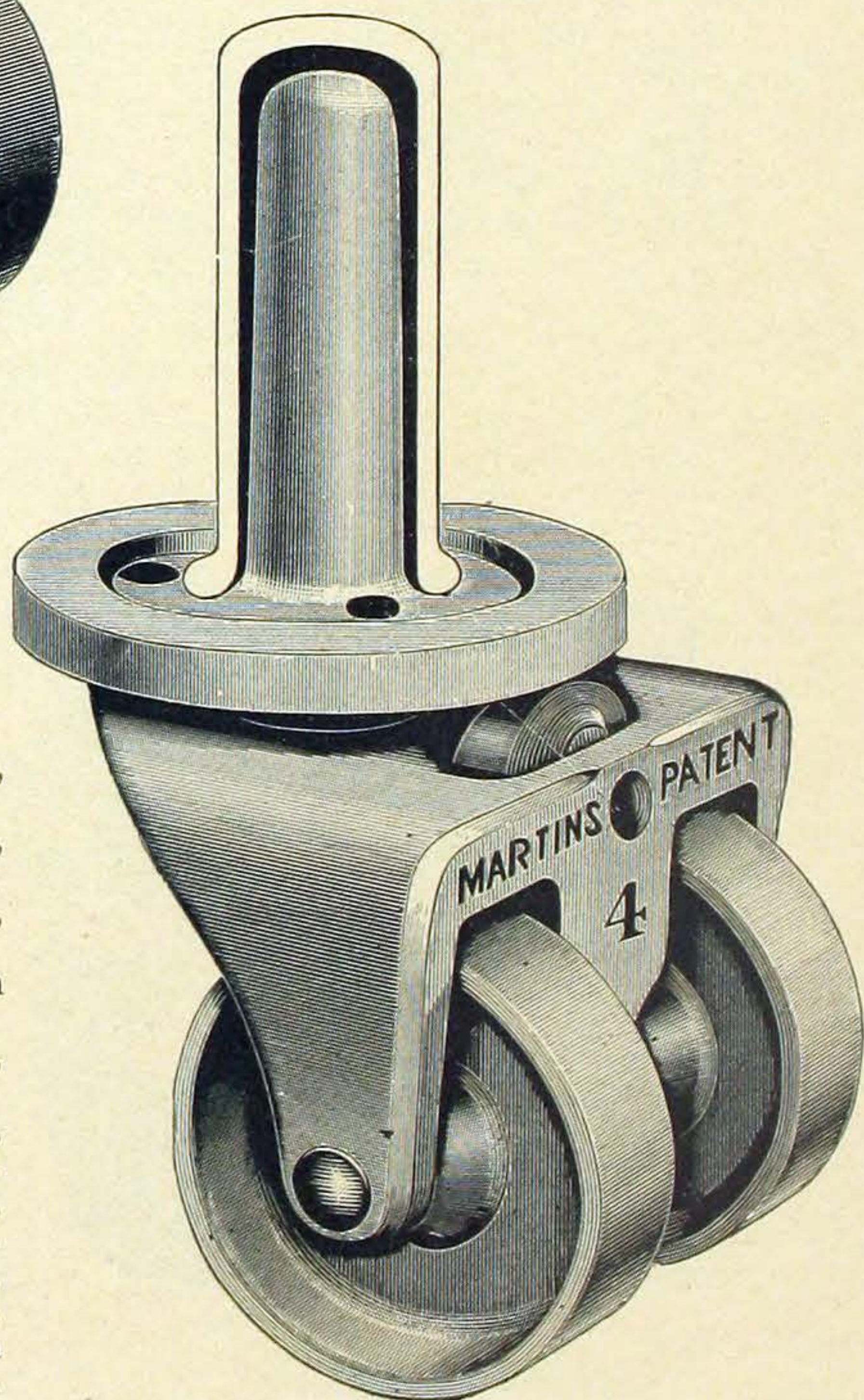
Diameter of wheel, 1 3/8 inches.



No. 3. Round Plate.

For Bedsteads, etc.

- No. 4. (41)—Round plate, iron wheel.
 " (42)—Oblong plate, iron wheel.
 " (43)—Stem plate, iron wheel.
 " (403)—Wrought stem iron wheel.
 " (4003)—Phoenix stem, iron wheel.
 " (44)—Round plate, porcelain wheel.
 " (45)—Oblong plate, porcelain wheel.
 " (46)—Stem plate, porcelain wheel.
 " (406)—Wrought stem porcelain wheel.
 " (4006)—Phoenix stem, porcelain wheel.
 " (47)—Round plate, lignum vitæ wheel.
 " (48)—Oblong plate, lignum vitæ wheel.
 " (49)—Stem plate, lignum vitæ wheel.

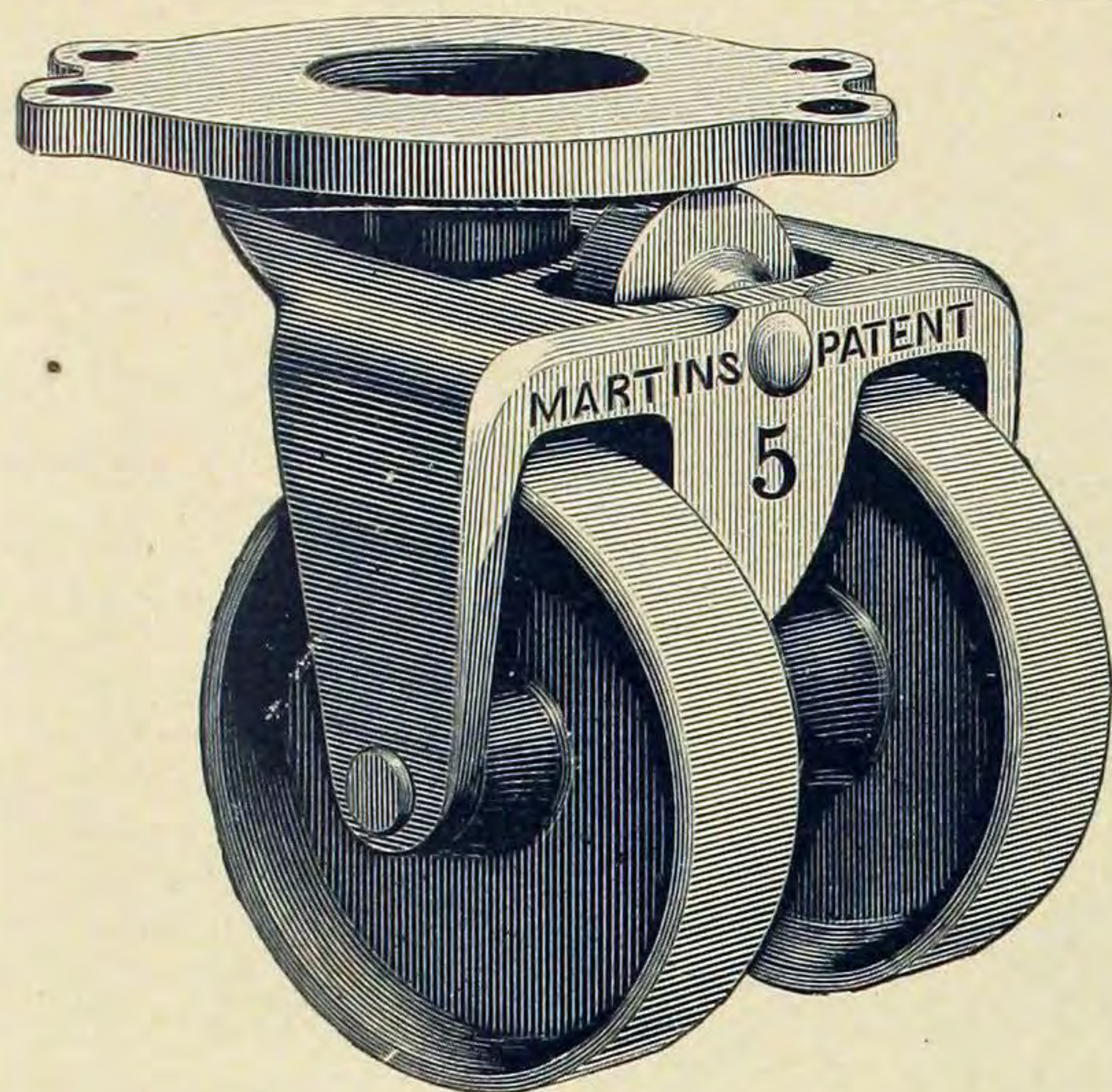


No. 4. Stem Plate.

- " (409)—Wrought stem lignum vitæ wheel.
 " (4009)—Phoenix stem, lignum vitæ wheel.

List price per set, 90 cents.

Diameter of wheel, 1 1/2 inches.

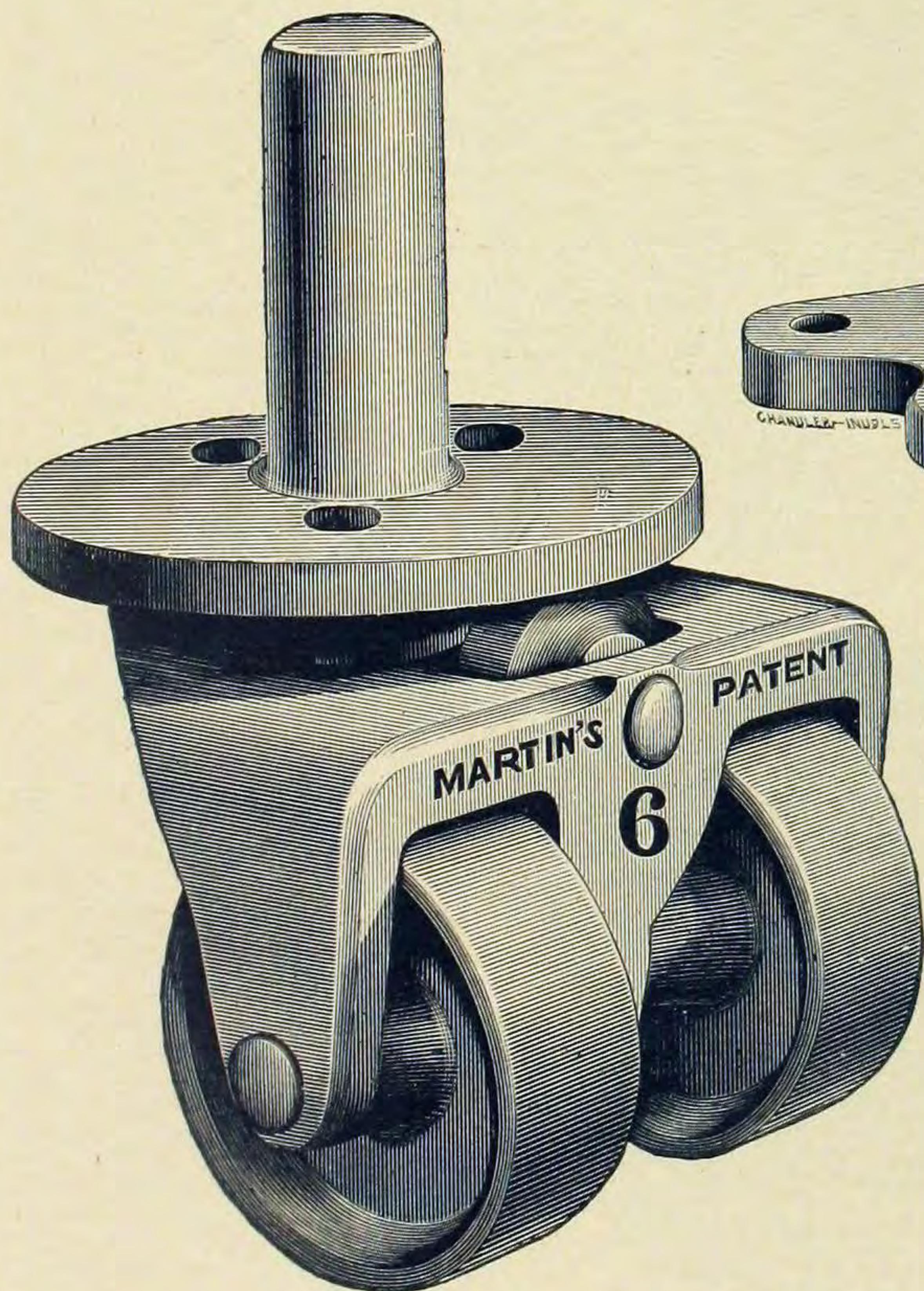


No. 5.

For Heavy Furniture, Book-cases, Flower Stands,
Refrigerators, Safes, Side-boards,
Desks, etc., etc.

- No. 5 (51)—Round plate, iron wheel
 “ (52)—Oblong plate, iron wheel.
 “ (53)—Stem plate, iron wheel.
 “ (503)—Wrought stem, iron wheel.
 “ (5003)—Phoenix stem, iron wheel.
 “ (54)—Round plate, porcelain wheel.
 “ (55)—Oblong plate, porcelain wheel.
 “ (56)—Stem plate, porcelain wheel.
 “ (506)—Wrought stem, porcelain wheel.
 “ (5006)—Phoenix stem, porcelain wheel.
 “ (57)—Round plate, lignum vitæ wheel.
 “ (58)—Oblong plate, lignum vitæ wheel.
 “ (59)—Stem plate, lignum vitæ wheel.
 “ (509)—Wrought stem, lignum vitæ wheel.
 “ (5009)—Phoenix stem, lignum vitæ wheel.

List price, per set, \$1.00
 Diameter of wheel, 2 inches.



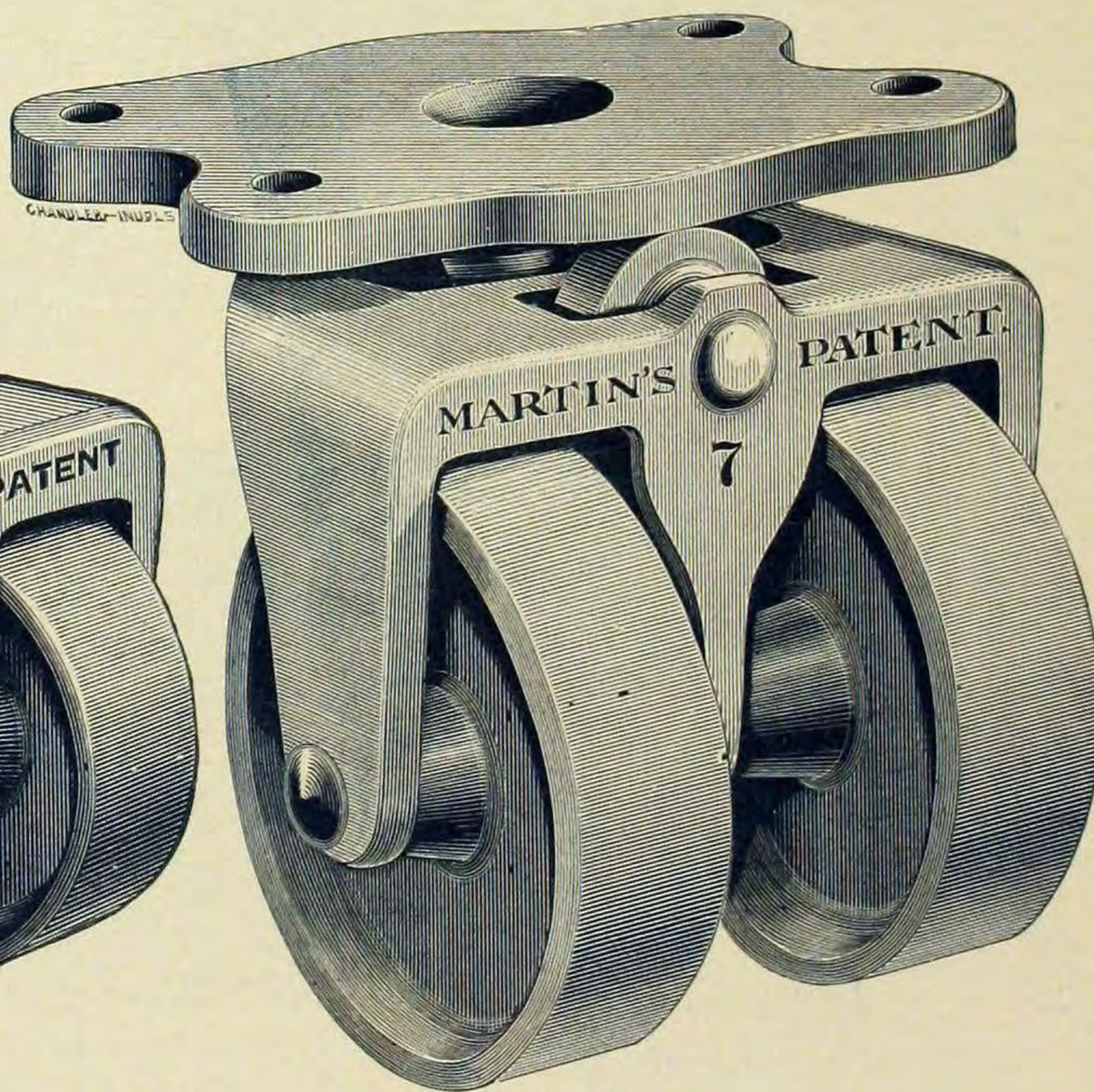
No. 6.

For Extra Heavy Side-boards, Book-cases
and Pianos.

- No. 6. (61)—Round plate, iron wheel.
 “ (62)—Oblong plate, iron wheel.
 “ *(63)—Stem plate, iron wheel. (Phoenix stem.)
 “ (67)—Round plate, lignum vitæ wheel.
 “ (68)—Oblong plate, lignum vitæ wheel.
 “ *(69)—Stem plate, lignum vitæ wheel. (Phoenix stem.)

List-price, per set, \$1.25
 Diameter of wheel, 1½ inches.

*Only one style stem made for this Caster—same as shown in cut.

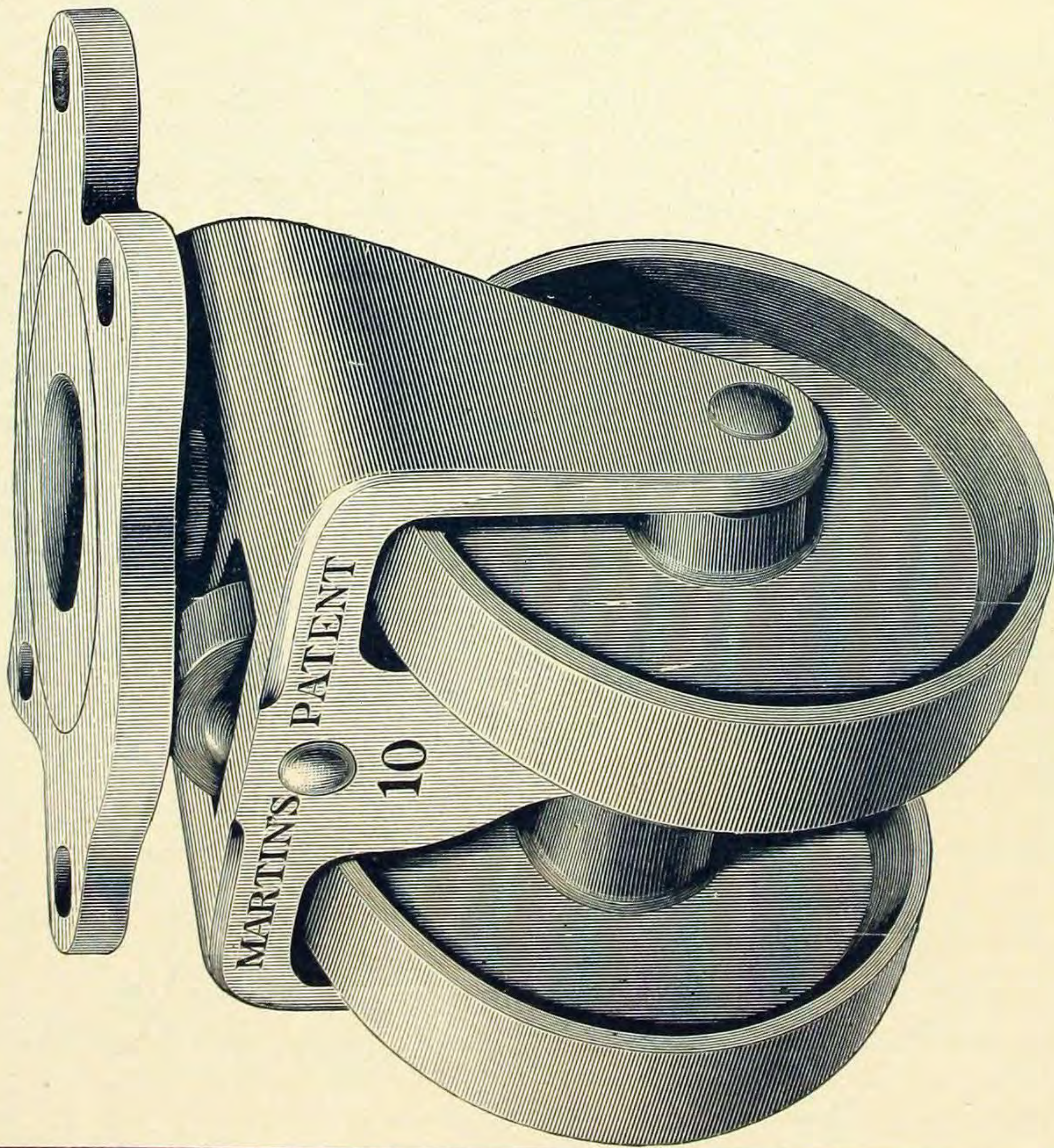


No. 7.

For Show-Cases, etc.

- No. 7. (71)—Round plate, iron wheel.
 “ (72)—Oblong plate, iron wheel.

List-price, per set, \$1.50
 Diameter of wheel, 2¼ inches.



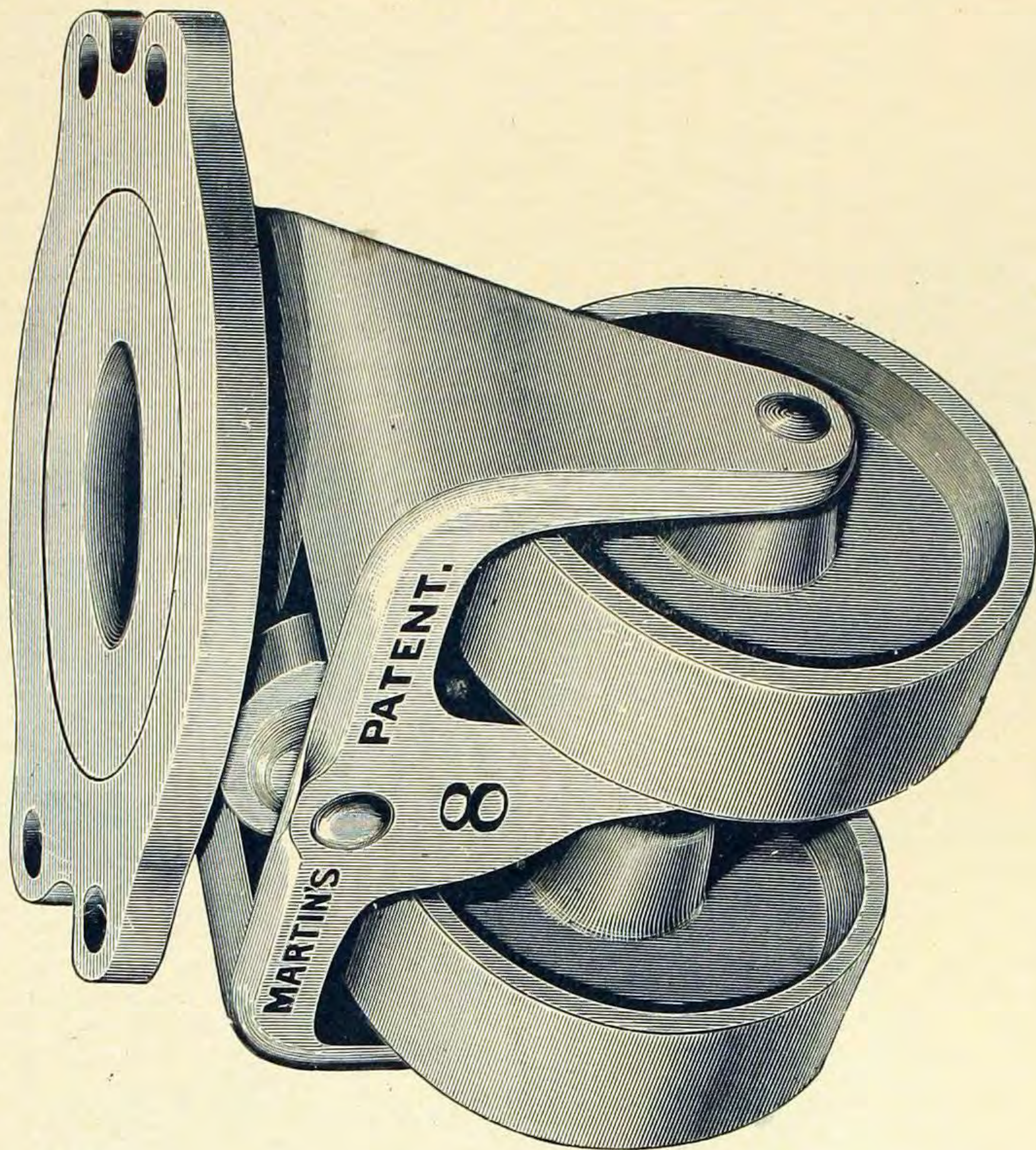
No. 10.

For Trucks, Magazine Boxes, Store Trucks, Heavy Show-cases, Beer Boxes, Refrigerators, or any very heavy weight.

Especially adapted for use in beer bottling, fruit canning, tobacco or warehouse establishments, where heavily loaded tables need to be moved.

- No. 10. (101)—Round plate, iron wheel.
" (102)—Oblong " "

List price,	.	.	.	.	per set, \$2.00
Diameter of wheel,	.	.	.	.	3 1/4 inches.

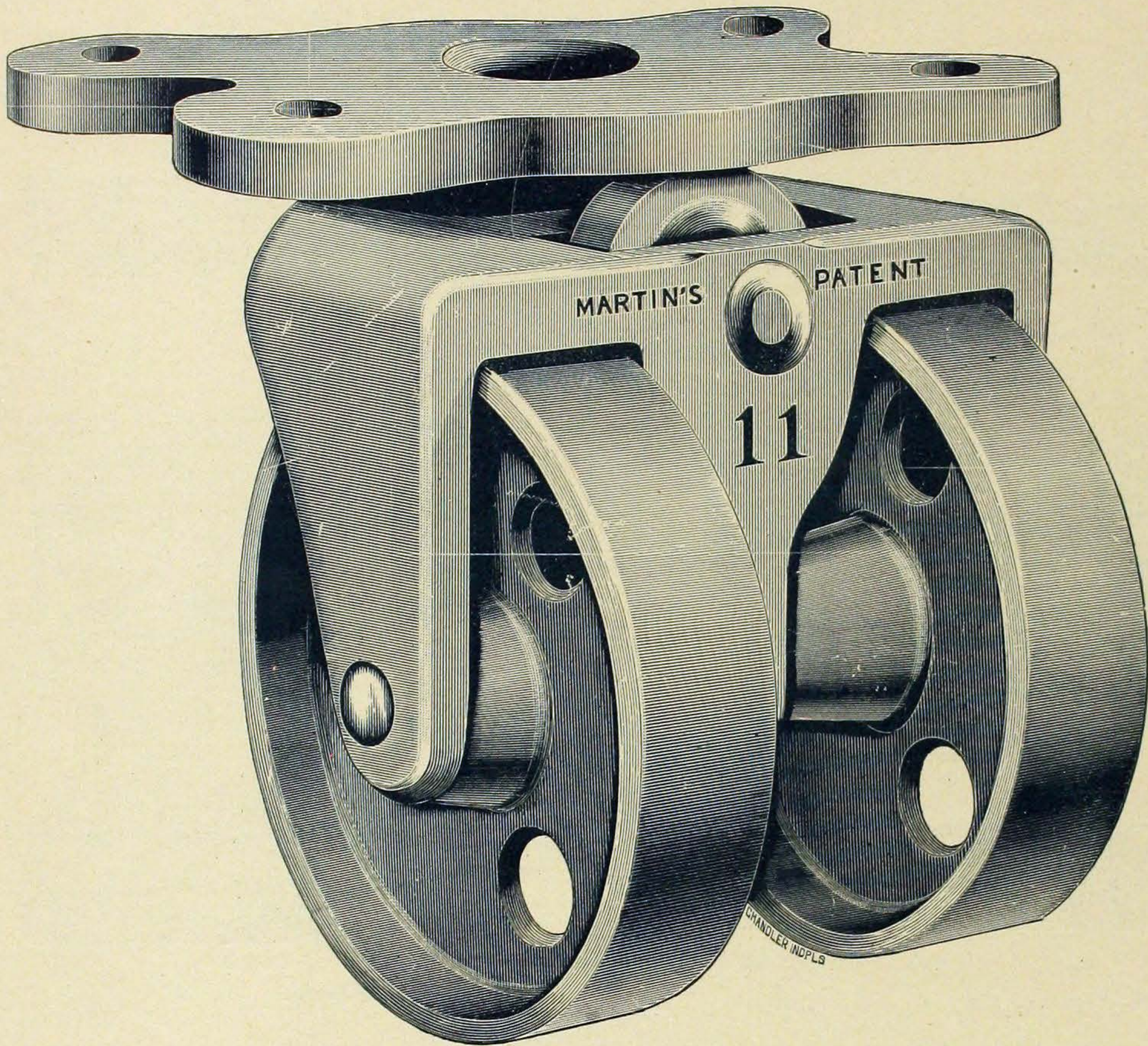


No. 8.

For Store Trucks, Ice Chests, Heavy Refrigerators, Heavy Flower Stands, etc.

- No. 8. (81)—Round plate, iron wheel.
" (82)—Oblong " "

List price,	.	.	.	.	per set, \$1.75
Diameter of wheel,	.	.	.	.	2 1/4 inches.

**No. 11.****For Trucks.**

Especially adapted for use in warehouse establishments.

No. 11. (112)—Oblong plate, iron wheel.

List price,	per set, \$4.00
Diameter of wheel	3½ inches

No. 12.**For Warehouse Trucks.**

No. 12. (122)—Oblong plate, iron wheel.

List price,	per set, \$6.00
Diameter of wheel,	4¼ inches.

No. 14.**For Warehouse Trucks, carrying any immense load.**

No. 14. (142)—Oblong plate, iron wheel.

List price,	per set, \$7.50
Diameter of wheel,	4¾ inches.

AGENTS FOR

THE D. W. BOSLEY COMPANY,

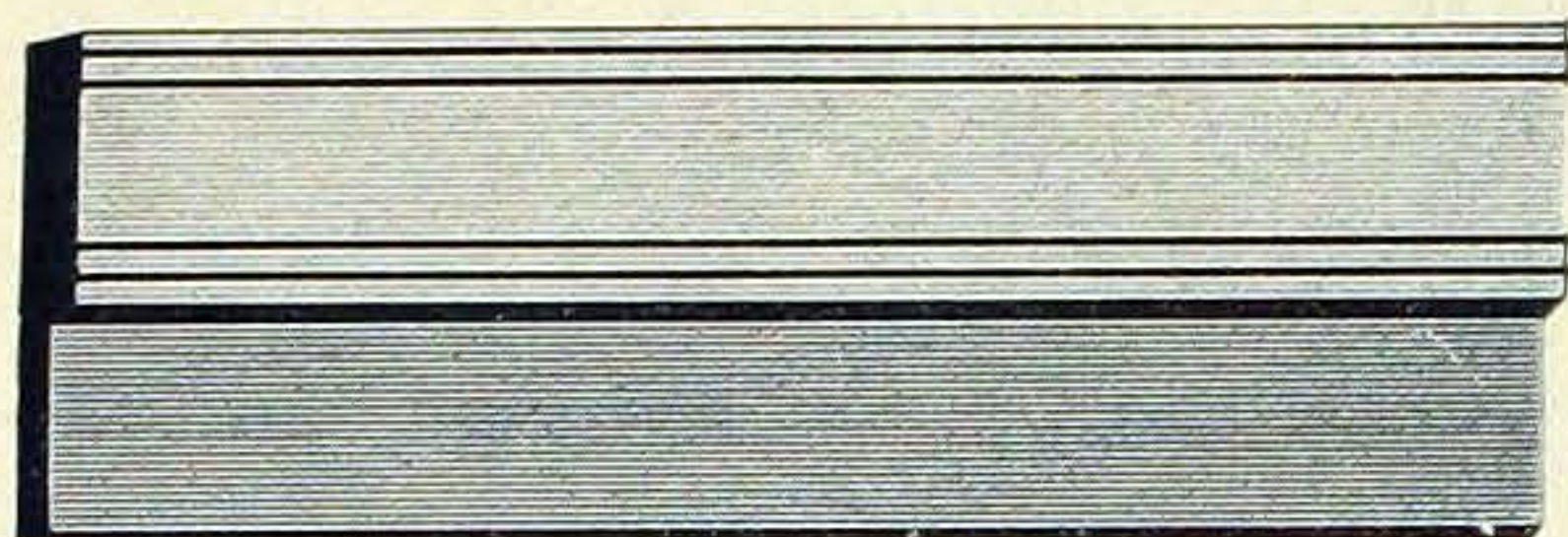
MANUFACTURERS OF

WEATHER STRIPS, WINDOW CLEANERS & FLOOR SCRUBBERS.

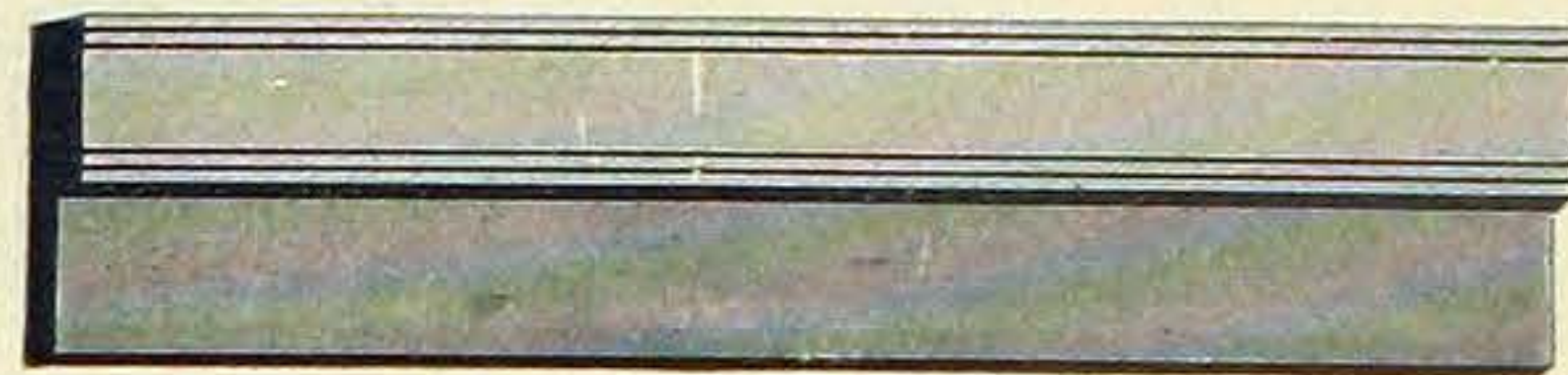
FLEXIBLE WEATHER STRIPS—ALL RUBBER.

**No. 8**—Size $\frac{3}{8}$ inch.

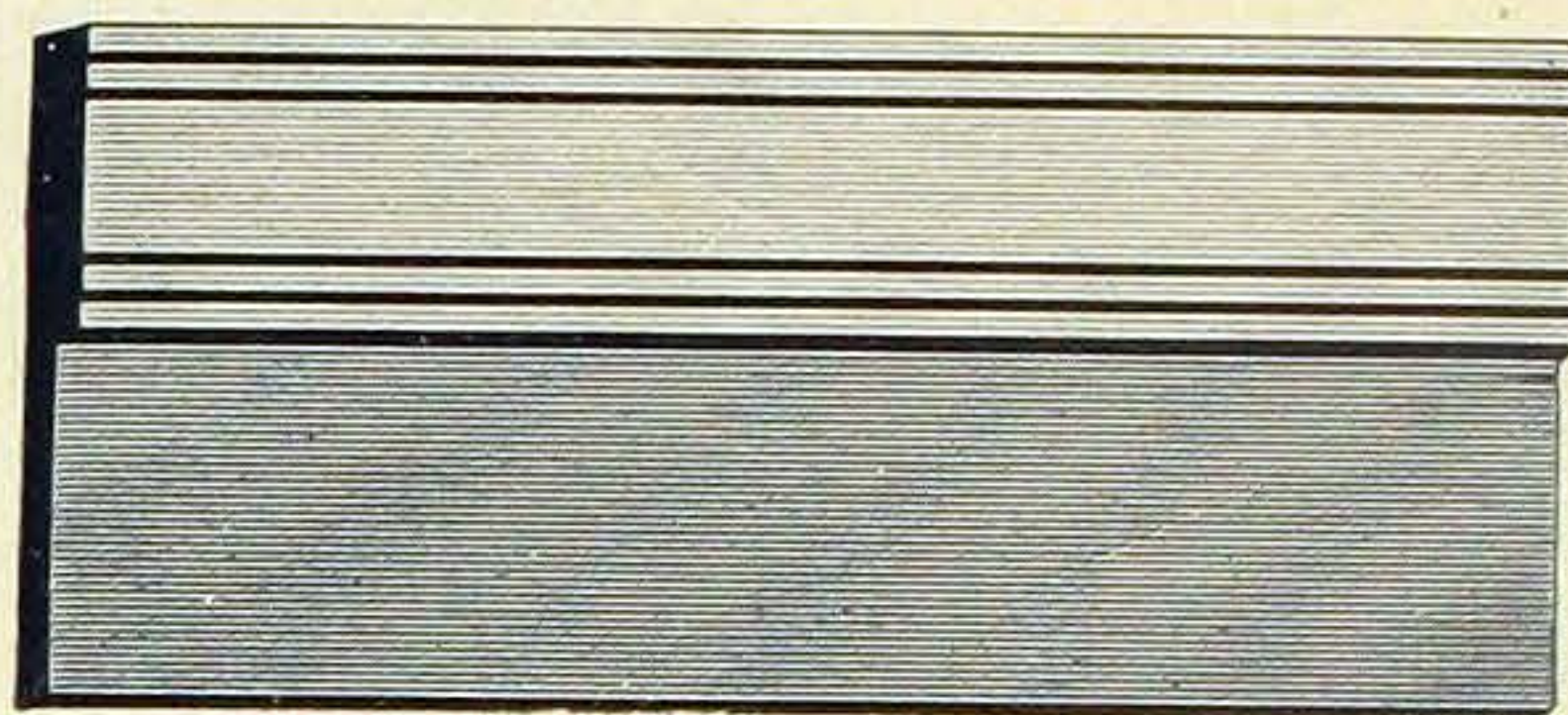
Price, per foot, 5 cents.
For the sides of windows.

**No. 10**—Size $\frac{3}{4}$ inch

Price, per foot, 8 cents.
For the sides and top of doors, and the bottom of
light doors.

**No. 9**—size $\frac{1}{2}$ inch.

Price, per foot, 6 cents.
For the sides of windows, and sides and top of doors.

**No. 11**—Size 1 inch.

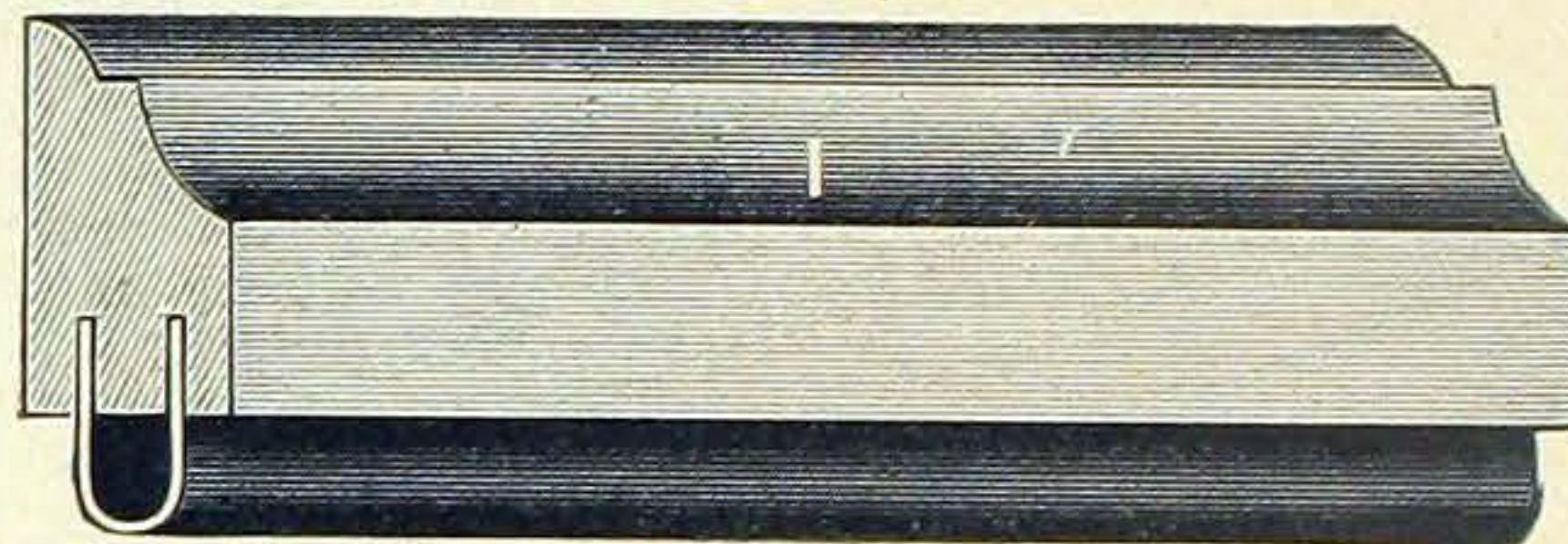
Price, per foot, 10 cents.
For the bottom of heavy doors.

THE EXCELSIOR WEATHER STRIP.

THE CHEAPEST AND BEST WEATHER STRIP IN THE MARKET.

**No. 0.**

For the upper sash of windows, per foot, 5 cents.

**No. 1.**

For the lower sash of windows and sides of doors,
per foot, 5 cents.

**No. 2.**

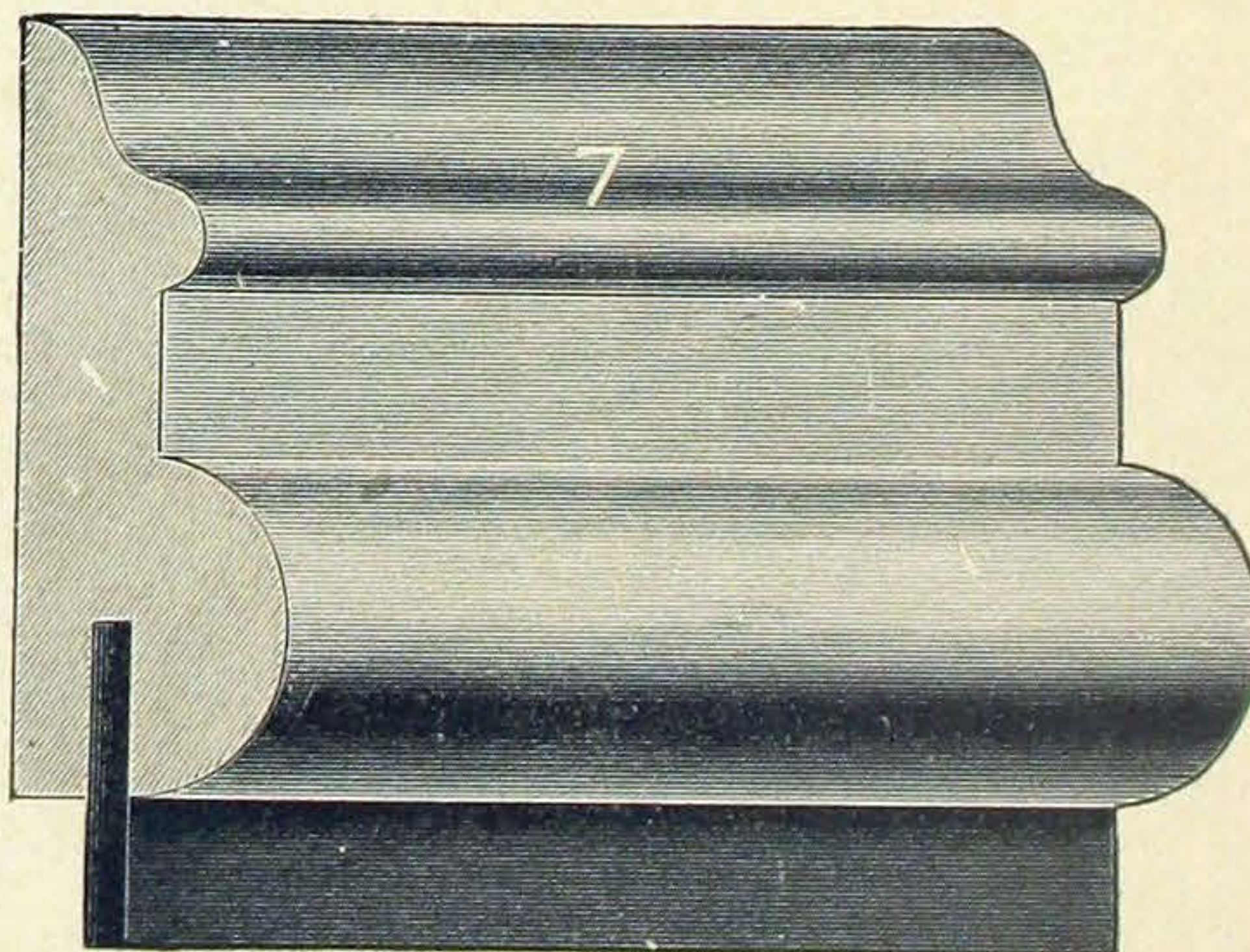
For the center of windows, per foot, 6 cents.

**No. 3.**

For the center of double doors, per foot, 8 cents.

**No. 4.**

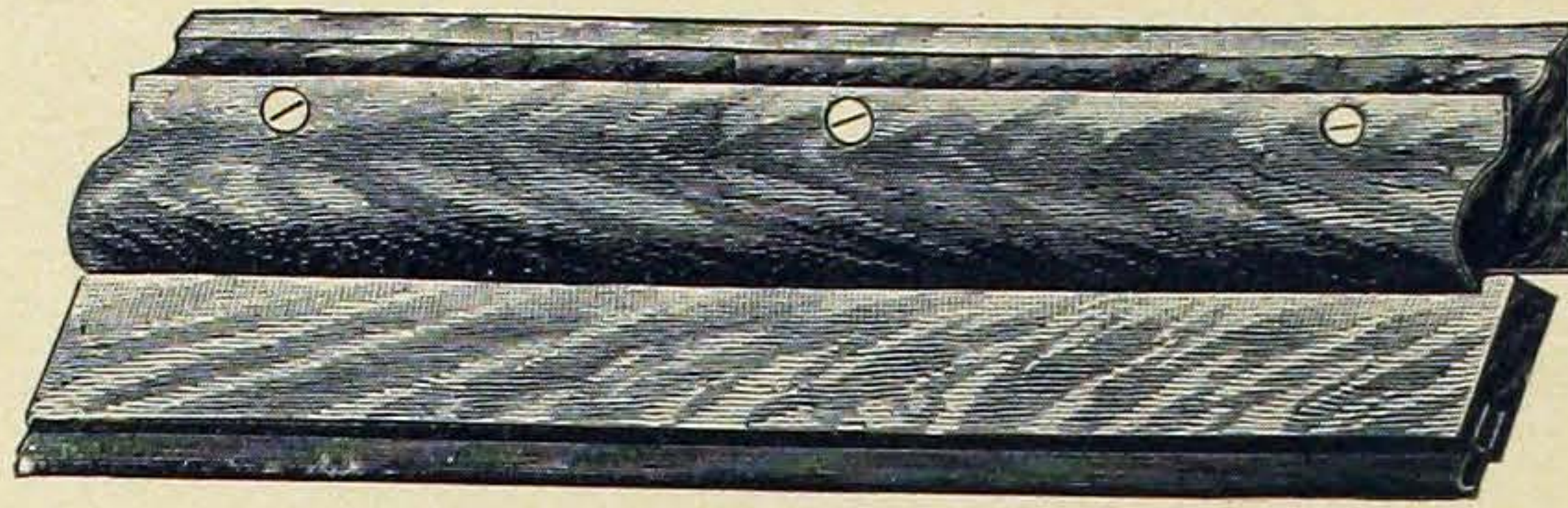
For bottom of light doors, per foot, 10 cents.

**No. 7.**

For bottom of heavy doors, per foot, 12 cents.

LIBERAL DISCOUNT TO THE TRADE.

The Bosley Spring Door Bottom.



The above illustration represents one of the best Spring Door Bottoms in the market. It will positively exclude rain, cold dust, snow, etc., from entering under the door. They are made of imitation walnut, and are so easily applied that any person can put them on, they being simply screwed on bottom of the door, and a small iron stop fastened to the door jamb to turn the lower half of the door bottom down on threshold when the door is closed. Full directions for applying are on each one.

Two sizes (2 feet 8 inches and 3 feet long), per dozen, \$6.00

The Peerless Rubber Window Cleaner.



PROTECTED BY PATENTS.



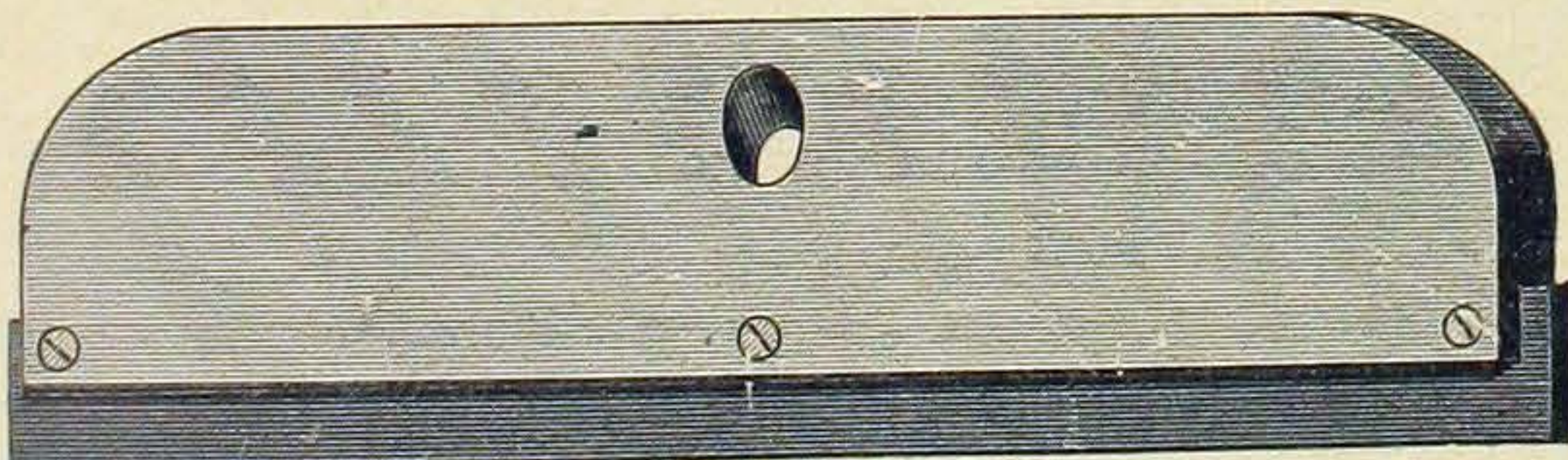
Our Peerless Window Cleaner is made of hard wood, oil finish, and with the improved drip catcher makes it superior to any in the market.

8 inch,	per dozen, \$4.20	14 inch,	per dozen, \$6.00
10 "	" 4.80	16 "	" 7.50
12 "	" 5.40	18 "	" 9.00

A display card sent with each dozen order.

Rubber Floor Scrubber.

One of the Most Useful Articles for Scrubbing and Cleaning Floors and Sidewalks.



PRICE LIST.

No. 1. Ash, Block $1\frac{1}{8}$ inch, Rubber $\frac{1}{4}$ inch thick. Ash Handles $4\frac{1}{2}$ feet long.				
No. 1, {	Pure Rubber, size,	12	14	16
HEAVY. {	Price, per doz.,	\$8.00	9.00	10.00
No. 2. Ash, Block $\frac{7}{8}$ inch, Rubber 3-16 inch thick. Ash Handles $4\frac{1}{2}$ feet long.				
No. 2, {	Pure Rubber, size,	12	14	16 in.
LIGHT. {	Price, per doz.,	\$5.00	6.00	7.00

Rubber Bar and Counter Cleaner.

Imitation Walnut, Oil Finish.



PRICE LIST.

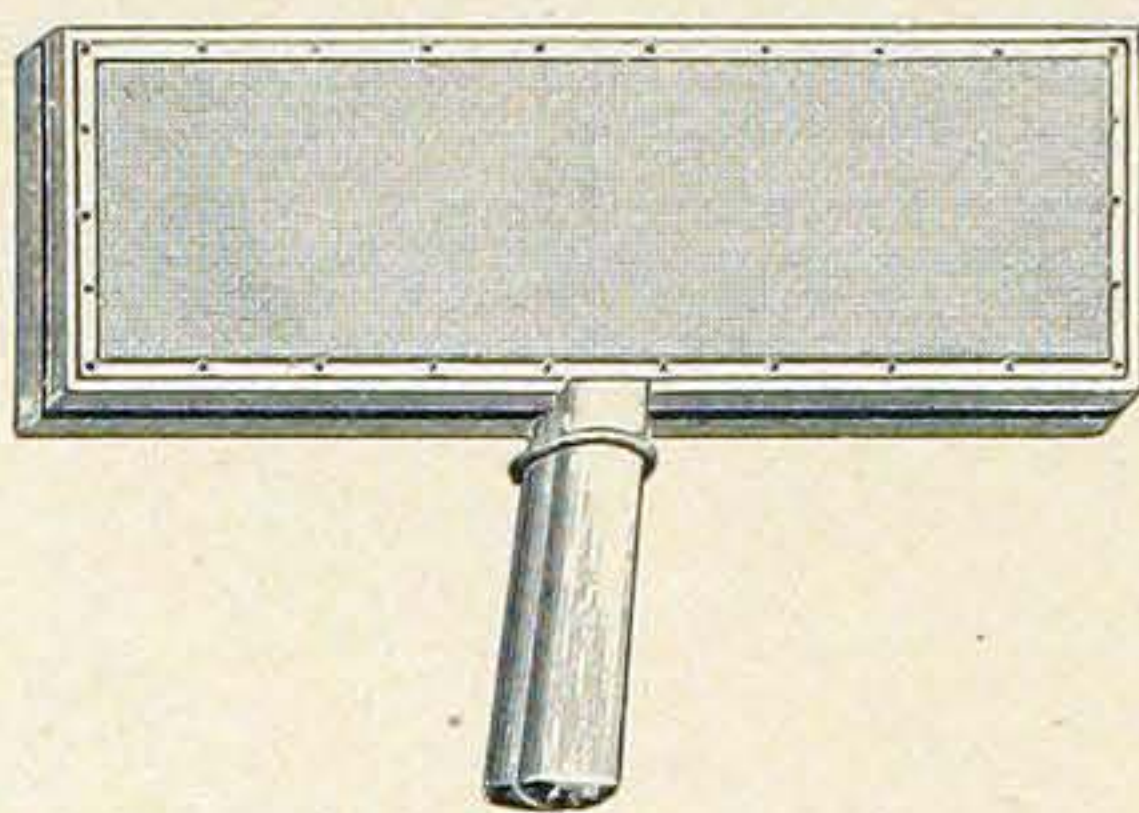
Block 3-4 inch, Rubber 3-16 inch thick.

Size, inches,	12	14	16
Price, per doz.,	\$3.50	3.75	4.00

Our Counter Cleaner is the Best Article in the Market for Cleaning and Polishing Stone Steps, Bar and Counter Tops.

AGENTS FOR
L. S. WATSON MANUFACTURING CO.,
 — MANUFACTURERS OF —
HAND CARDS OF EVERY DESCRIPTION.
REVISED PRICE LIST.

Watson's Cotton Cards, of Superior Finish and Warranted.
 Sole Successors to Genuine Whittemore.



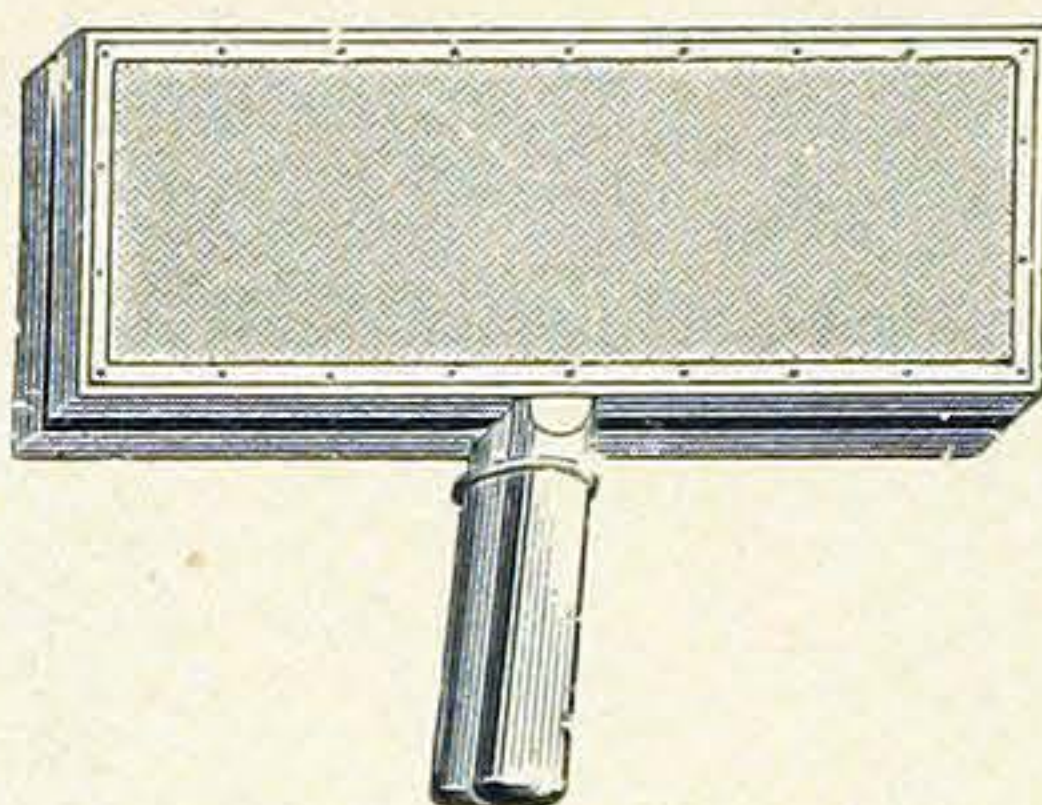
Registered Trade Marks.

No. 10, A 1 Plantation, extra quality,	10 $\frac{7}{8}$ x 4 $\frac{5}{8}$,		per dozen pairs, \$5.00
" 10, A, Widow Whittemore,	10 $\frac{7}{8}$ x 4 $\frac{5}{8}$,		" " 4.75
" 10, B, Whittemore,	10 $\frac{7}{8}$ x 4 $\frac{5}{8}$,		" " 4.50
" 9, Cotton,	9 $\frac{3}{4}$ x 4 $\frac{5}{8}$,		" " 4.25

The above list constitutes all the qualities and sizes now made.

Cotton Cards are packed as ordered in 1 or 2 dozen pair cases. No charge for cases.

Wool, Tow, Mixing and Jim Crow Cards.

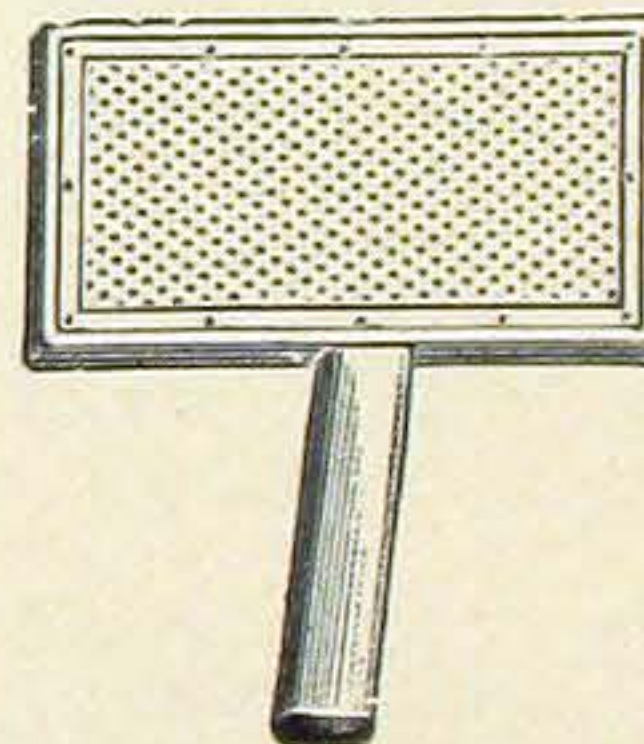
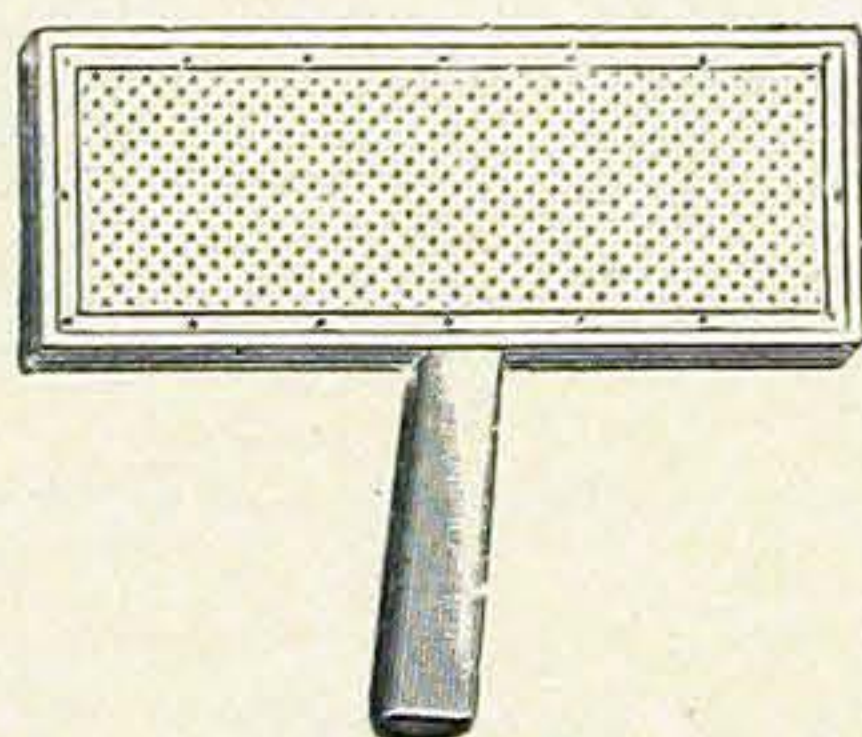


The only satisfactory cards made.

No. 8, A Wool,	9 $\frac{3}{4}$ x 4 $\frac{3}{8}$,		per dozen pairs, \$3.00
" 8, B Wool,	9 $\frac{3}{4}$ x 4 $\frac{3}{8}$,		" " 2.75
" 5, Wool, Canada size,	8 $\frac{3}{4}$ x 4 $\frac{7}{8}$,		" " 3.00
" 9, Wool, Canada size,	9 x 5 $\frac{1}{8}$,		" " 3.80
Tow Cards, No. 22 wire,	9 $\frac{3}{4}$ x 4 $\frac{3}{8}$,		" " 3.00
Mixing Cards, No. 28 wire,	9 $\frac{3}{4}$ x 4 $\frac{3}{8}$,		" " 3.80
Jim Crow Cards, in paper boxes of one dozen each, in cases of 6 boxes, per single dozen,			.75

Wool, Tow and Mixing Cards are packed as ordered in 1 or 2 dozen pair cases. No charge for cases.

Watson's Leather Horse Cards.



These Cards are made extra strong and serviceable.

Please order by these numbers.

No. 1, Horse, large,	8 $\frac{1}{4}$ x 3 $\frac{1}{2}$, bound,		per single dozen, \$0 90
" 2, " " "	8 $\frac{1}{4}$ x 3 $\frac{1}{2}$, not bound,		" " .85
" 3, " small,	5 $\frac{3}{4}$ x 3 $\frac{1}{2}$, bound,		" " .80
" 4, " " "	5 $\frac{3}{4}$ x 3 $\frac{1}{2}$, not bound,		" " .75
" 02, " large,	8 $\frac{1}{4}$ x 3 $\frac{1}{2}$, leather board,		" " .60
" 04, " small,	5 $\frac{3}{4}$ x 3 $\frac{1}{2}$, " "		" " .50
Horse Mane Cards, long straight teeth,			" " 1.50

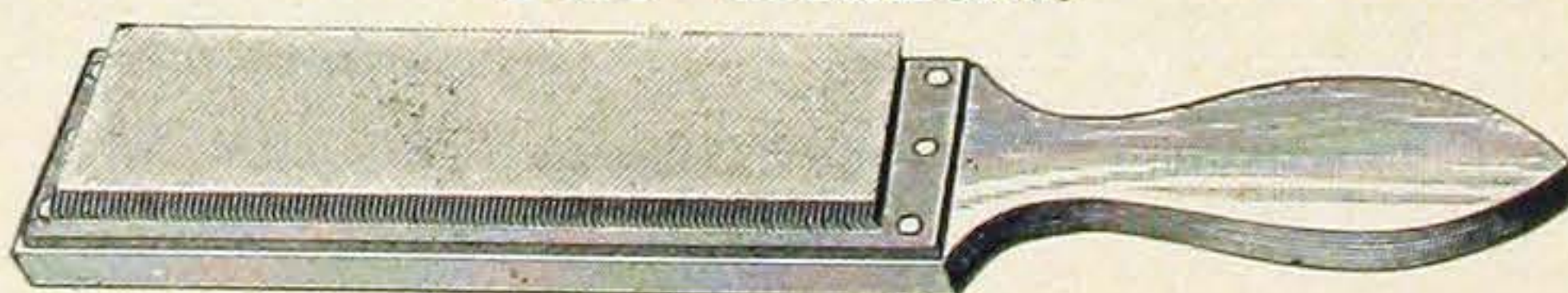
Nos. 1, 2 and 02 large horse cards are packed in cases of 8 single dozen. Nos. 3, 4 and 04 small horse cards are packed in cases of 12 single doz. In cases of smaller sizes than above, add 5 cts. per doz. to list. Horse mane cards, 2 single doz in a case.

Hatters' Jacks.

Hatters' Jacks made of brass or tempered steel wire.

Two dozen in a box, per single dozen,		\$2.50
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File Cleaners.



File Cleaners, handled, in boxes of 1 dozen each, one gross in a case, per single dozen,		\$1.25
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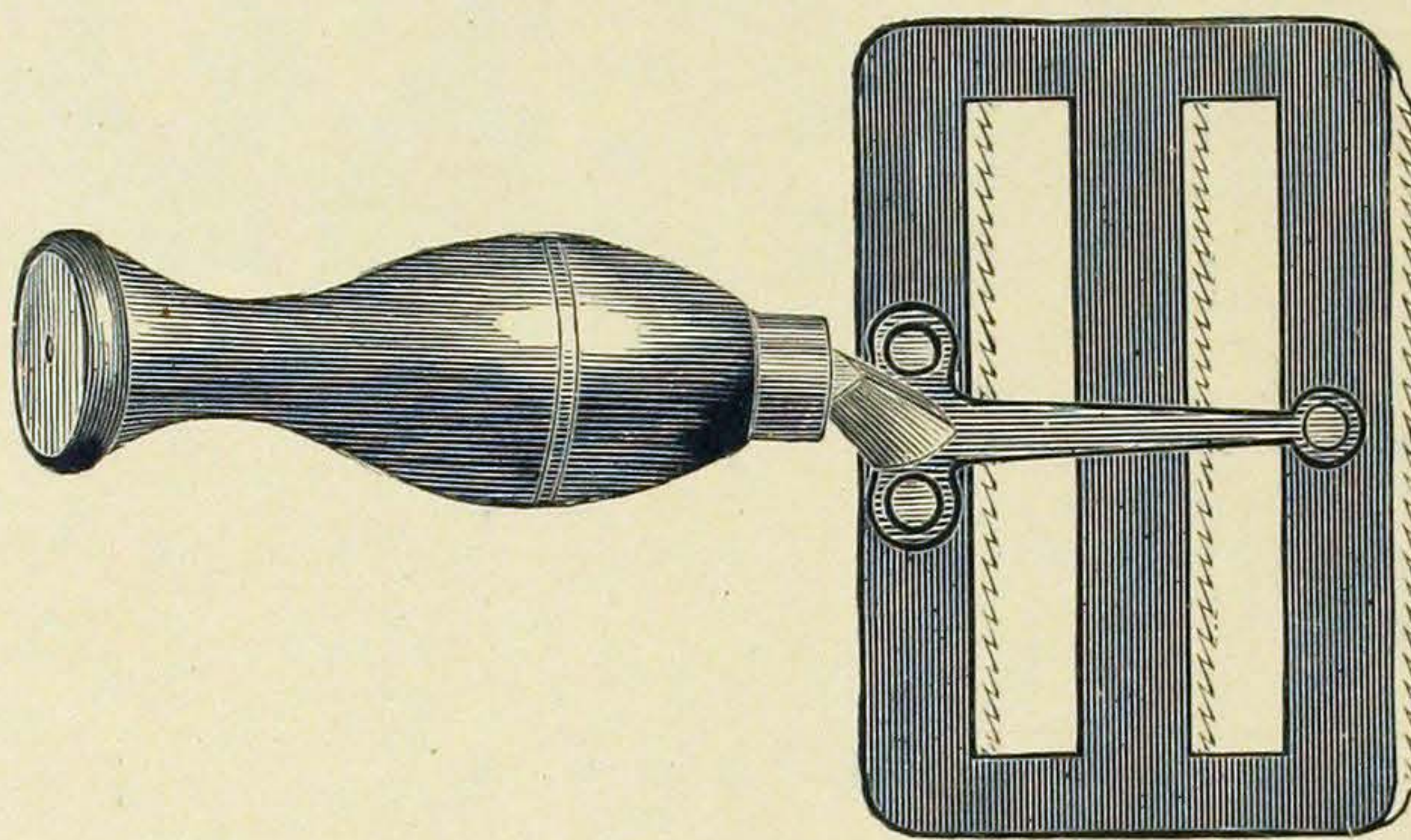
AGENTS FOR

EDWARD S. HOTCHKISS,

Hotchkiss' Patent Curry Combs,

With Malleable Backs and Shanks.

Six Bar, Open Back Trowel Shank.

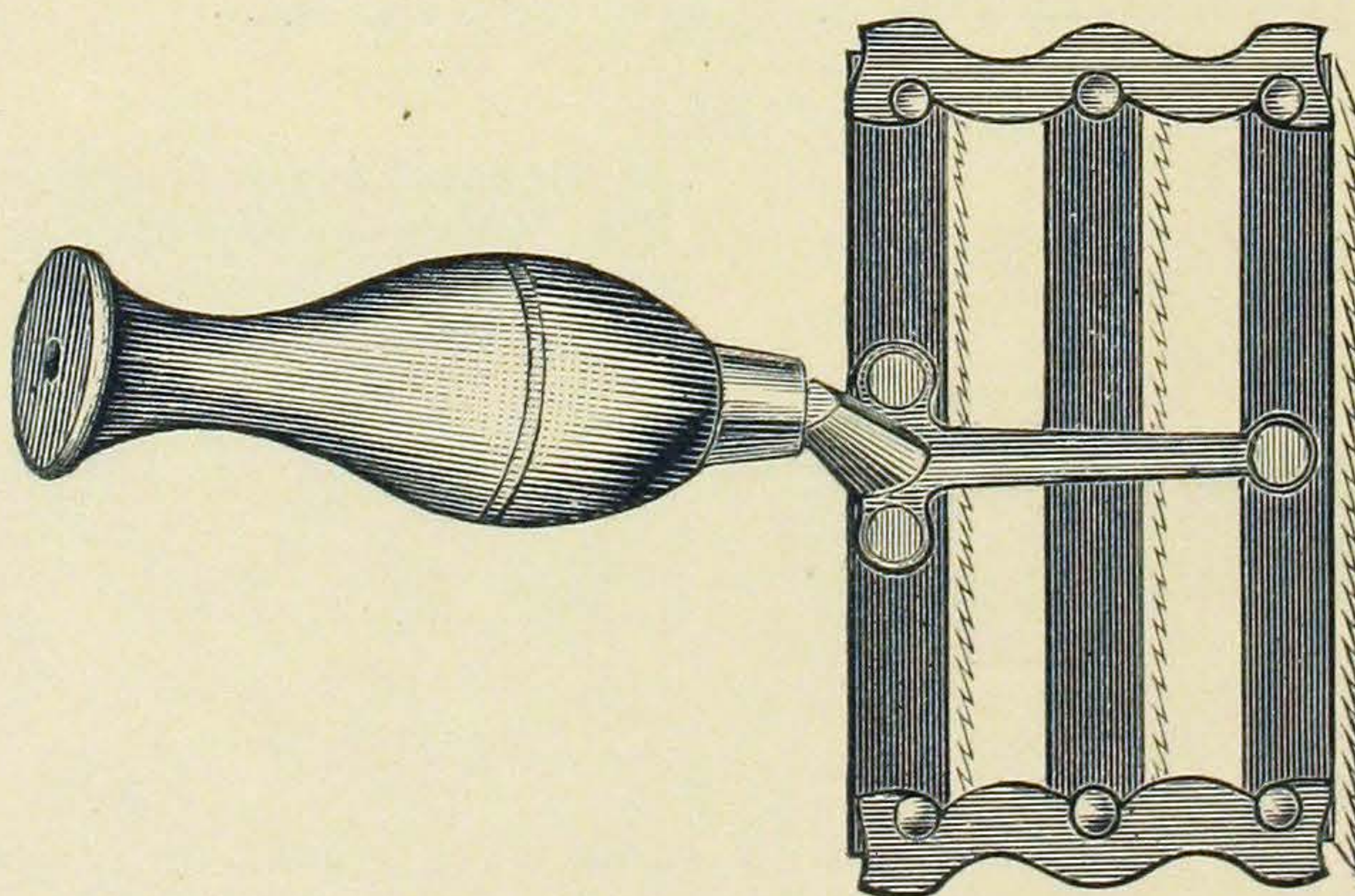


No. 000. 6 Bar, iron, japanned,

per doz., \$0.60

The "Peerless" Comb.

Six bar, open back, trowel shank.



No. 810. 6 Bar, iron, japanned,

per doz., \$1.00

" 811. 6 " " tinned,

" 1.25

Packed 20 dozen in a barrel.

No. 813. 8 Bar, iron, japanned,

per doz., \$1.25

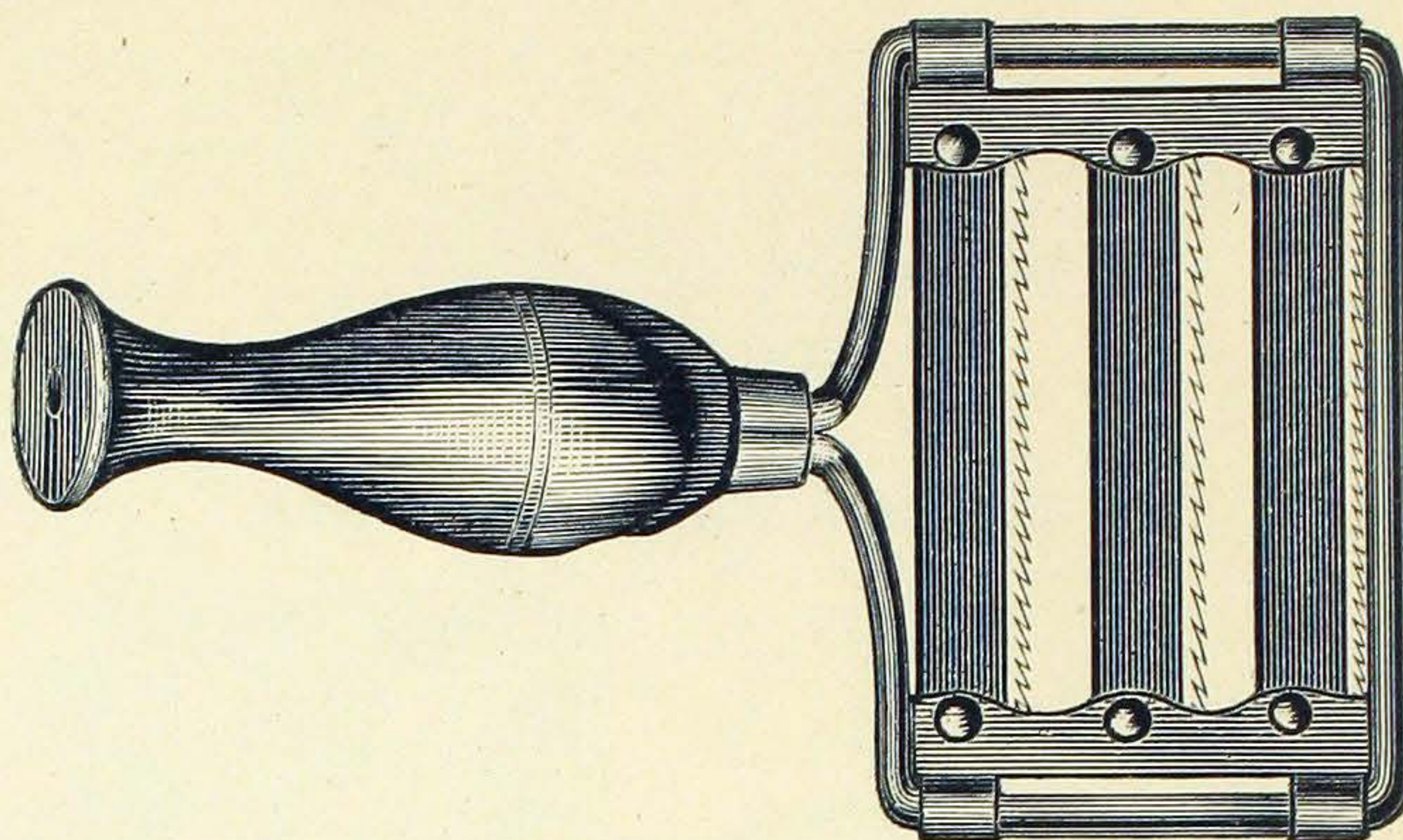
" 814. 8 " " tinned,

" 1.50

Packed 17 dozen in a barrel.

The "Rival" Comb.

Heavy, open back, four knockers, with improved shank and finger rest.

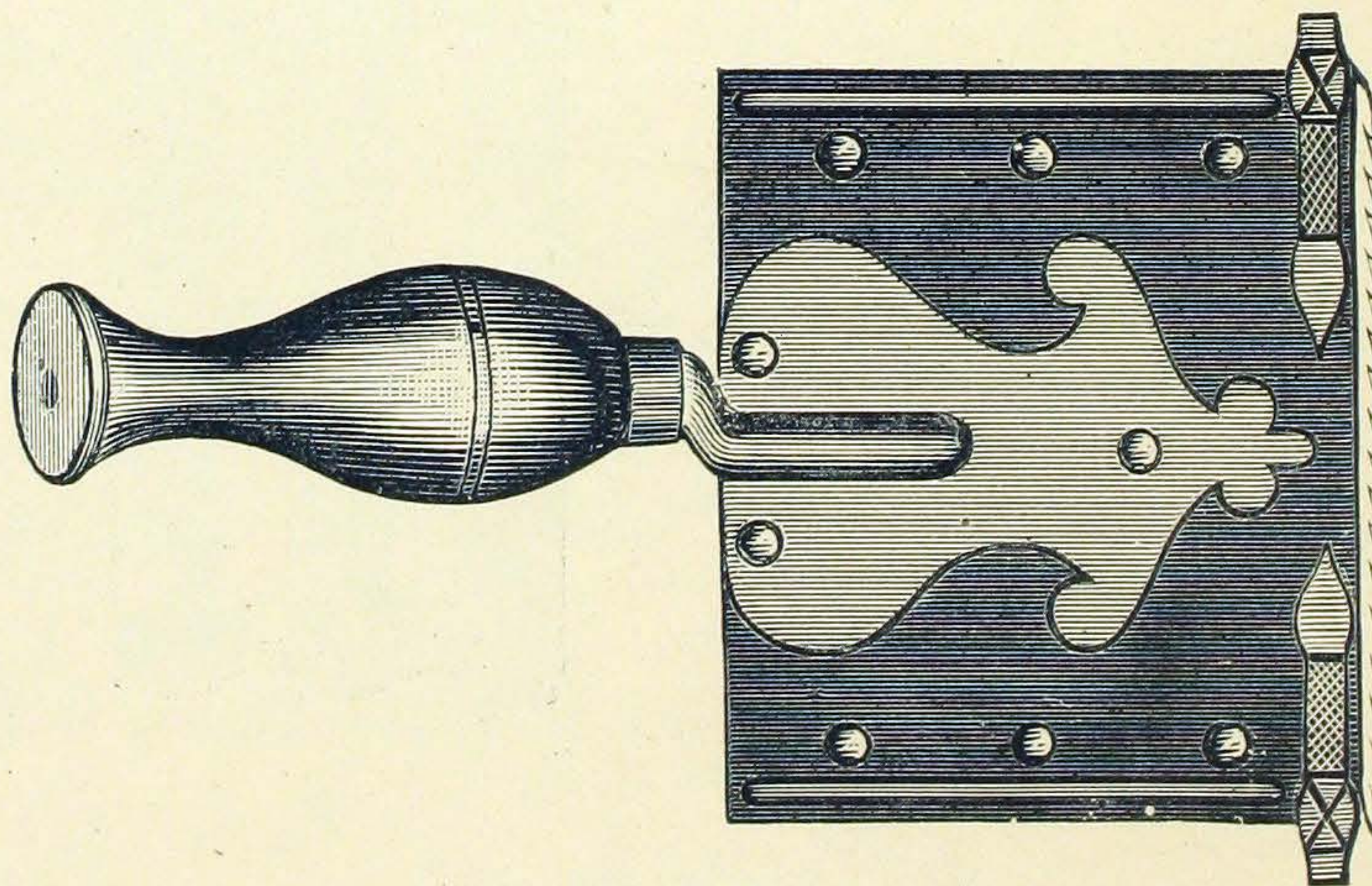


No. 816.	6 Bar, iron, japanned,		per doz., \$1.25
" 817.	6 " " tinned,		" 1.50
" 818.	6 " brass,		" 2.50
" 822.	8 " iron, japanned,		" 1.75
" 823.	8 " " tinned,		" 2.00
" 824.	8 " brass,		" 2.95

Packed 15 dozen in a case.

English Pattern, Solid Back Combs.

Extra heavy, eight bar, trowel shanks.

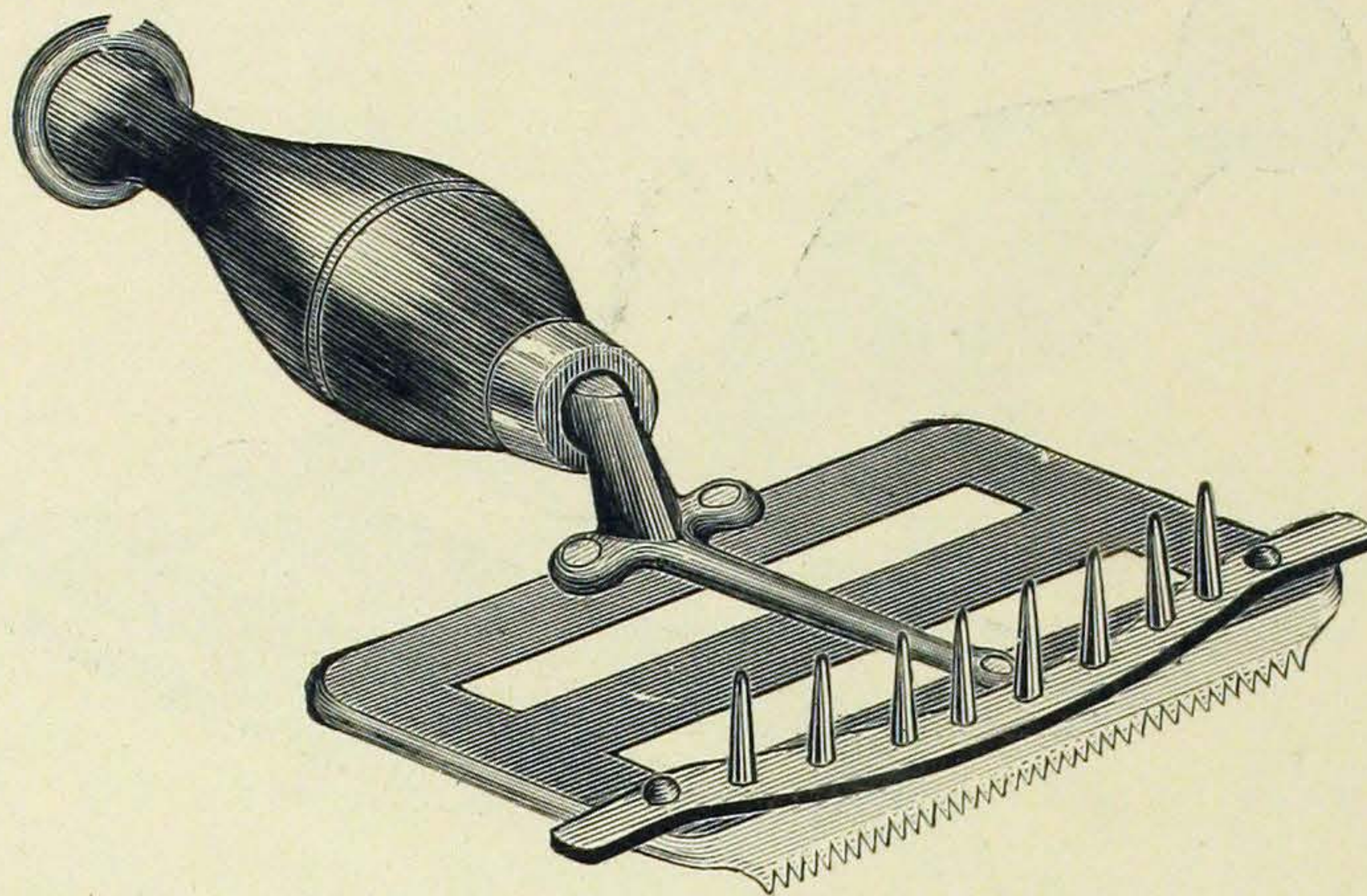


No. 122.	8 Bar, iron, oval face, japanned,		per doz., \$1.85
" 1122.	8 " " " tinned,		" 2.35

Packed in paper boxes, 15 dozen in a case.

Hotchkiss' Mane and Curry Comb, Combined.

Six bar open back.

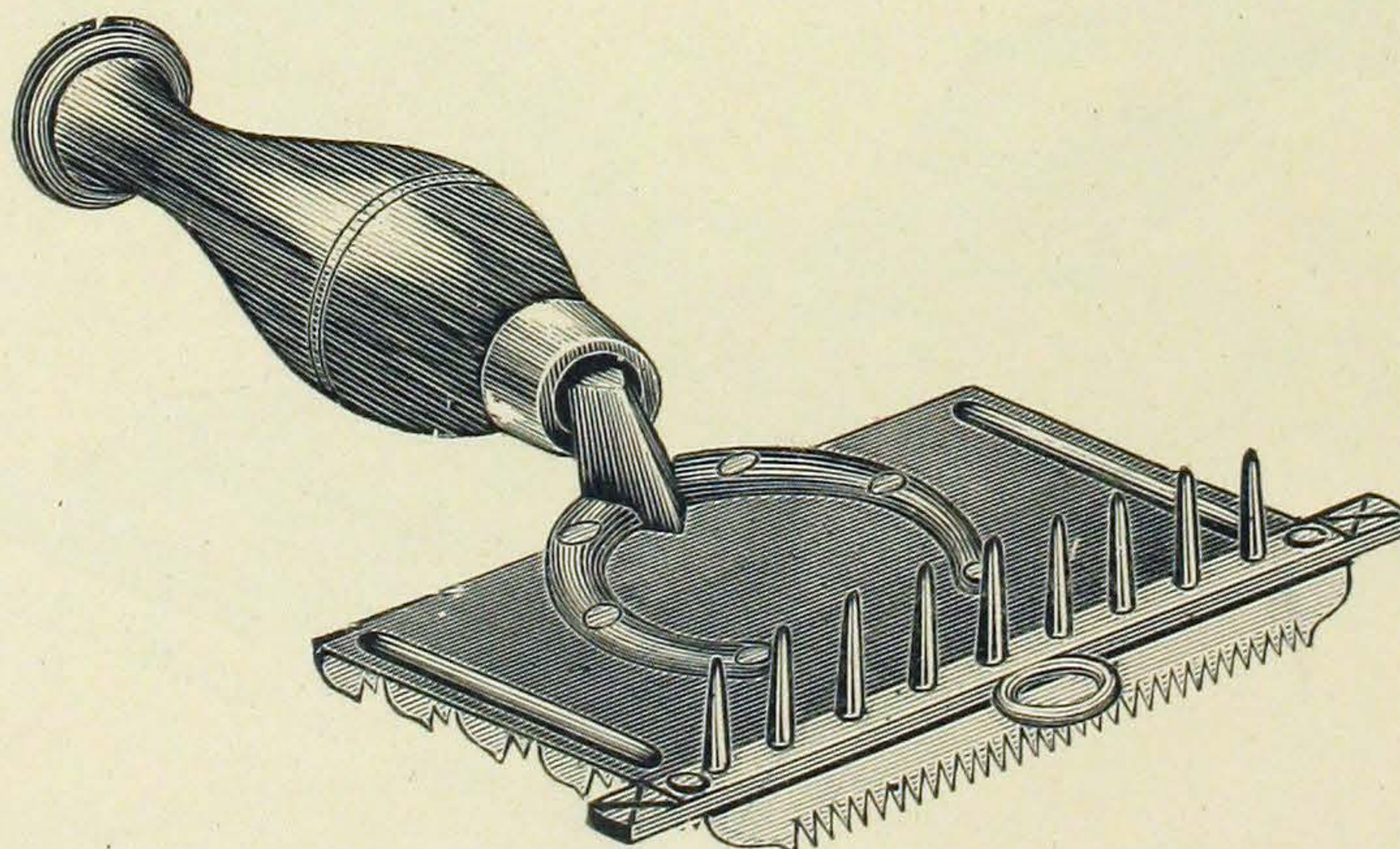


No. 314. 6 Bar, iron, tinned, per doz., \$1.10

Packed 18 dozen in a barrel.

Hotchkiss' Mane and Curry Comb, Combined.

Six bar closed back.

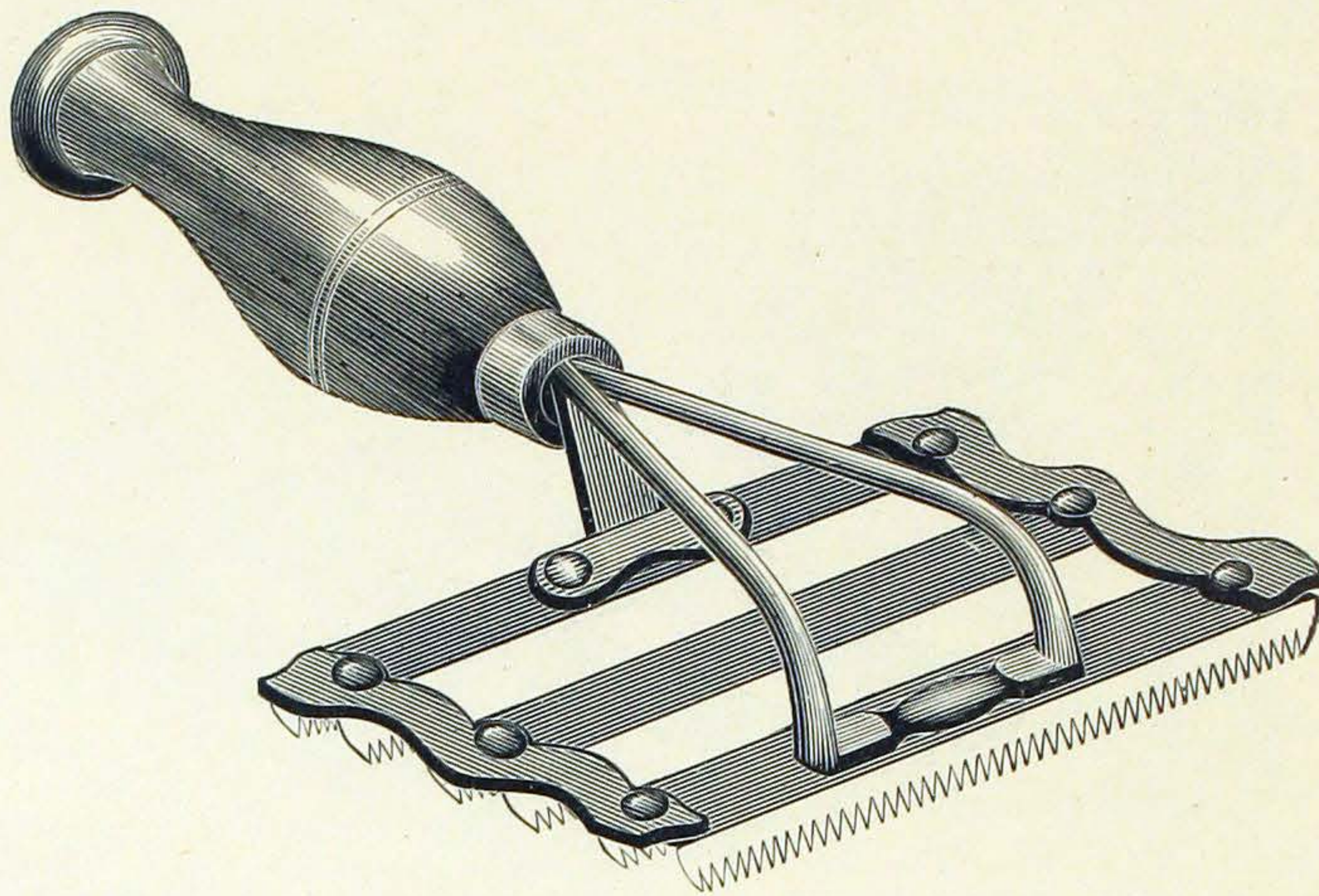


No. 322. 6 Bar, iron, tinned, per doz., \$1.85

Packed in paper boxes, 15 dozen in a case.

Hotchkiss' "Superior" Combs.

Six bar open back.

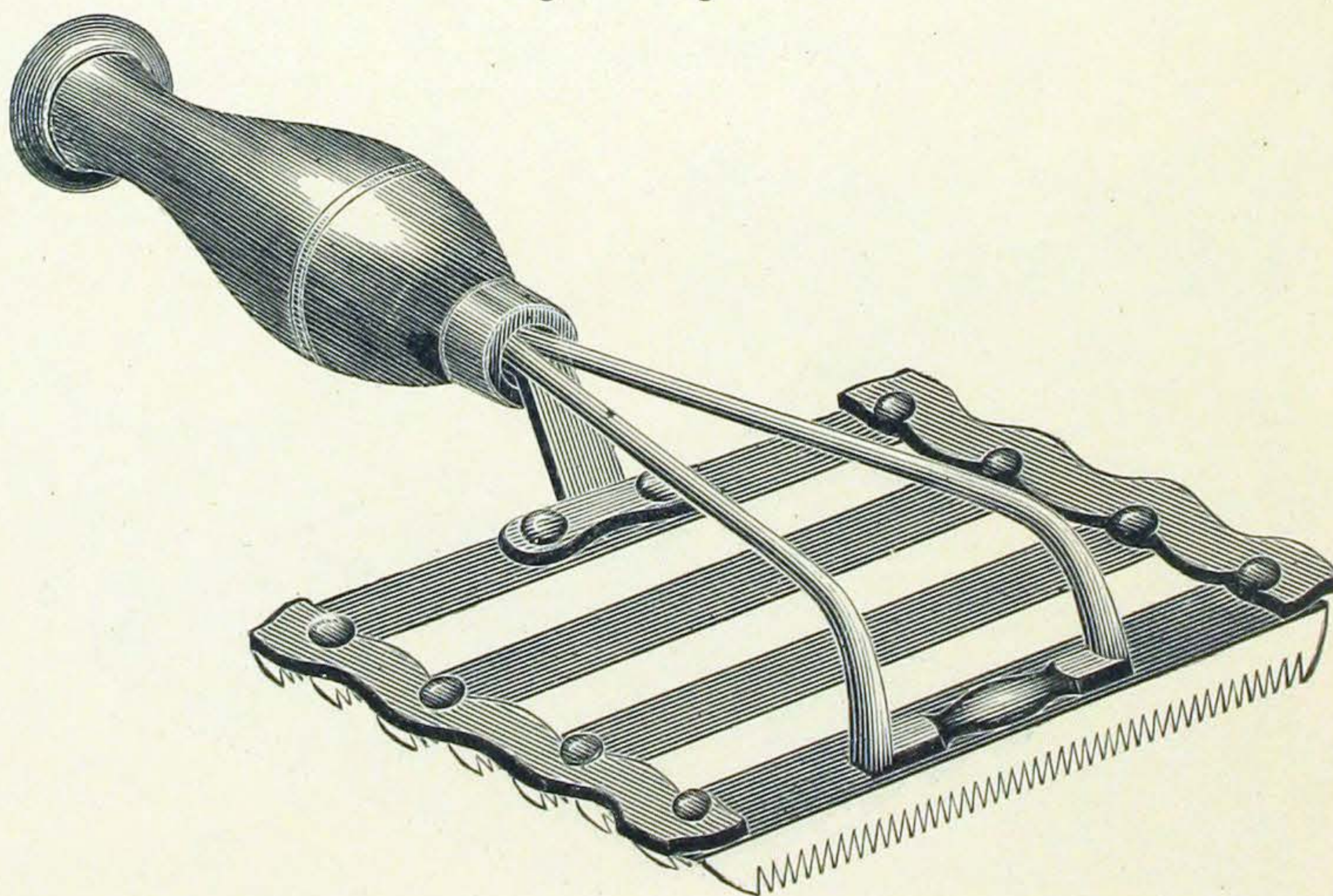


No. 856.	6 Bar, iron, japanned,	per doz., \$1.65
" 857.	6 " " tinned,	" 1.90

Packed 15 dozen in a case.

Hotchkiss' "Superior" Combs.

Eight bar open back.

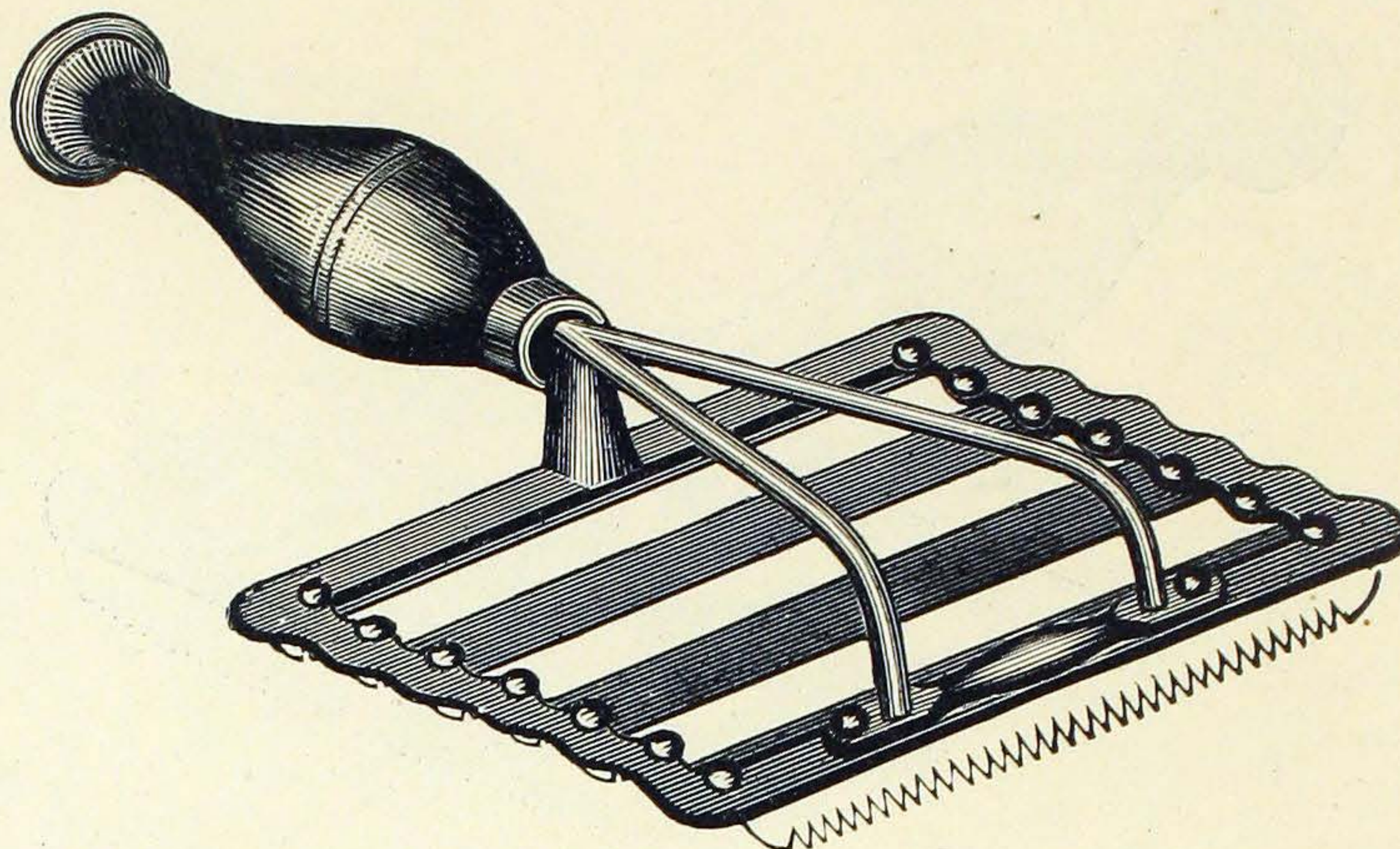


No. 858.	8 Bar, iron, japanned,	per doz., \$2.05
" 859.	8 " " tinned,	" 2.35

Packed 15 dozen in a case.

Hotchkiss' "Superior" Combs.

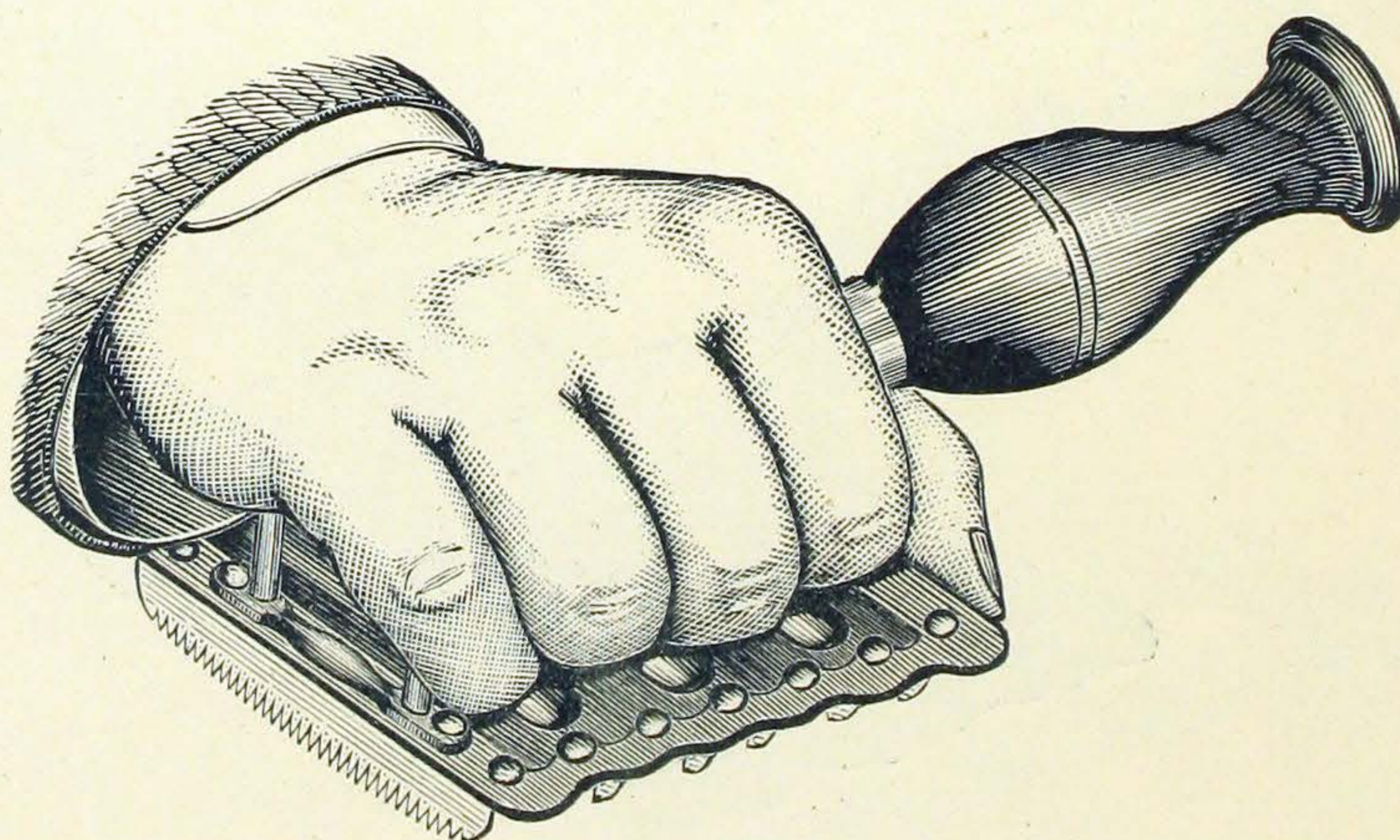
Eight bar, open back, extra heavy.



No. 866.	8 Bar, iron, japanned,	per doz., \$2.20
" 867.	8 " " tinned,	" 2.75
" 868.	8 " brass,	" 3.85

Hotchkiss' "Superior" Combs.

Eight bar, close back, extra heavy.

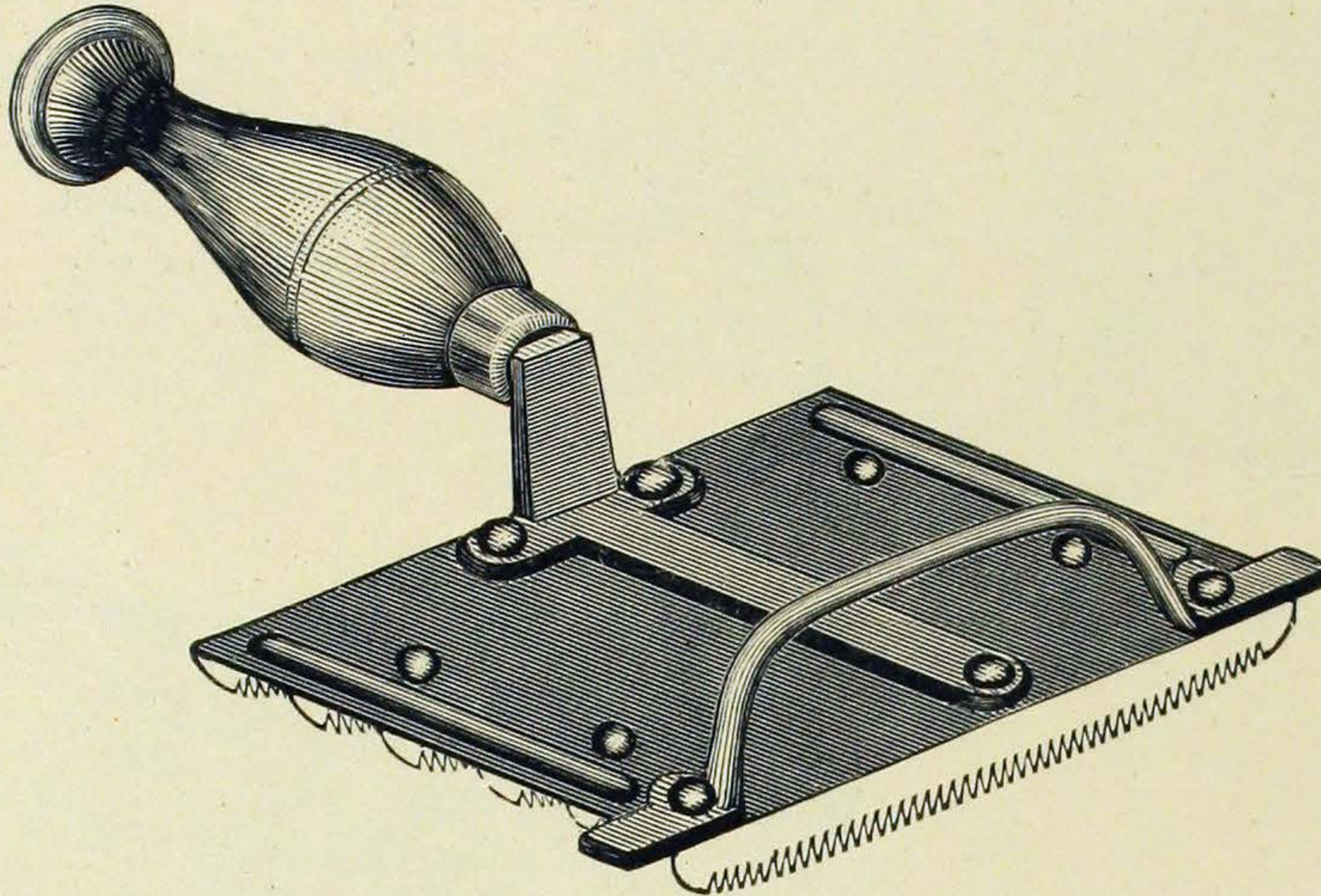


No. 869.	8 Bar, iron, japanned,	per doz., \$2.45
" 870.	8 " " tinned,	" 3.00
" 871.	8 " brass,	" 4.40

Packed in paper boxes, 15 dozen in a case.

Patent "Champion" Comb.

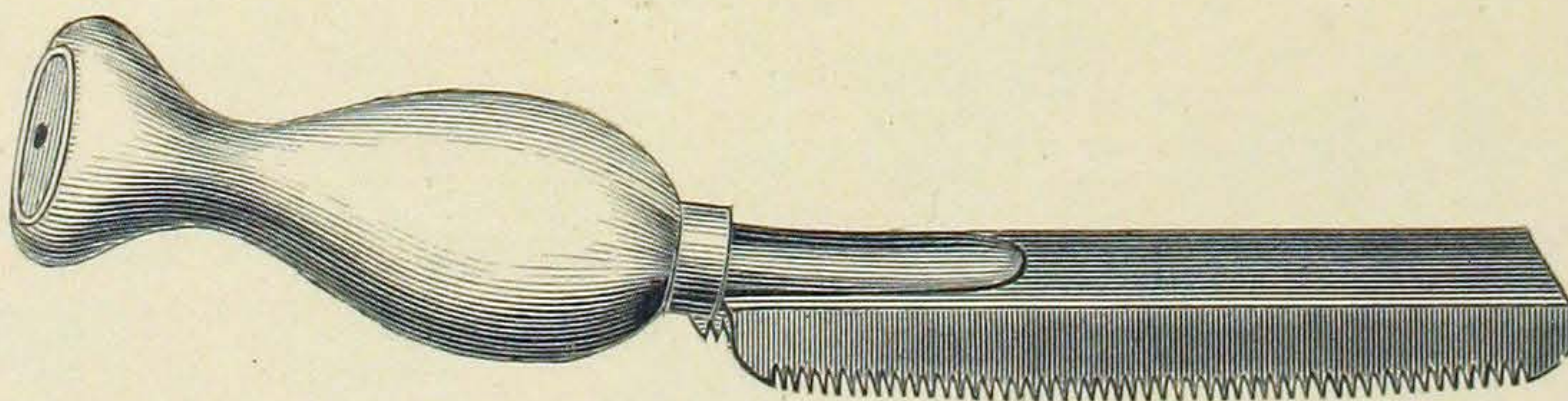
Six bar, solid back, extra heavy.



No. 846.	6 Bar, iron, japanned,	per doz, \$2 65
" 847.	6 " " tinned,	" 3.10

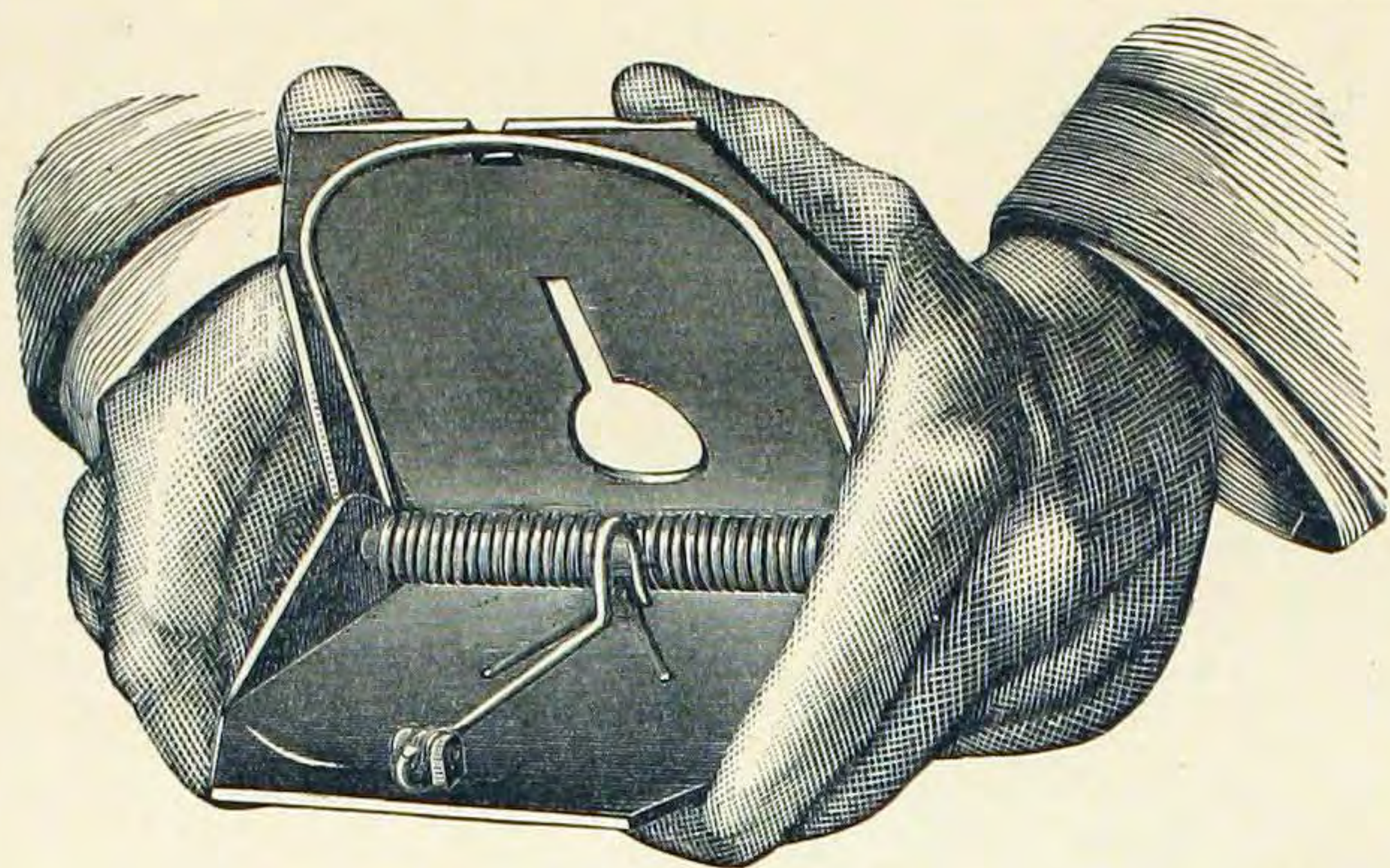
Packed 14 dozen in a barrel.

FISH SCALER.



Per dozen,

\$1.85

HOTCHKISS' IMPROVED PATENT RAT KILLER.

These well known traps have been on the market for some years and have met the approval of all who have used them.

Are made from sheet steel, are simple in construction and self setting.

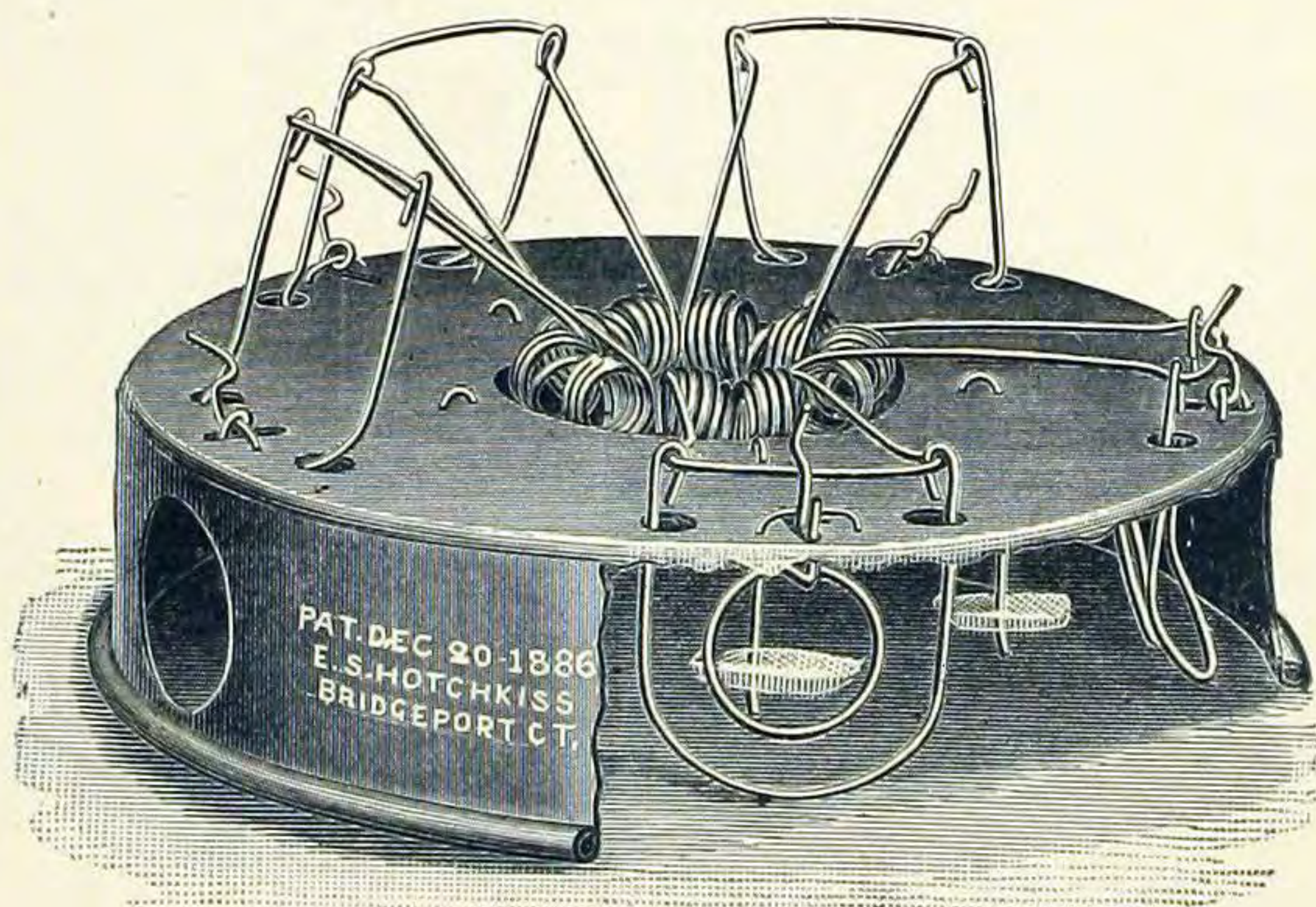
Per gross, \$37.50.

**HOTCHKISS' PATENT METALLIC MOUSE TRAP**

Is a well known article, the shell being made from tin coated steel plates. The wiring is of the best, full sized wire being used and the greatest care taken to have every trap leaving the factory perfect, every trap separately inspected. They are light, compact and free from all odors and self setting.

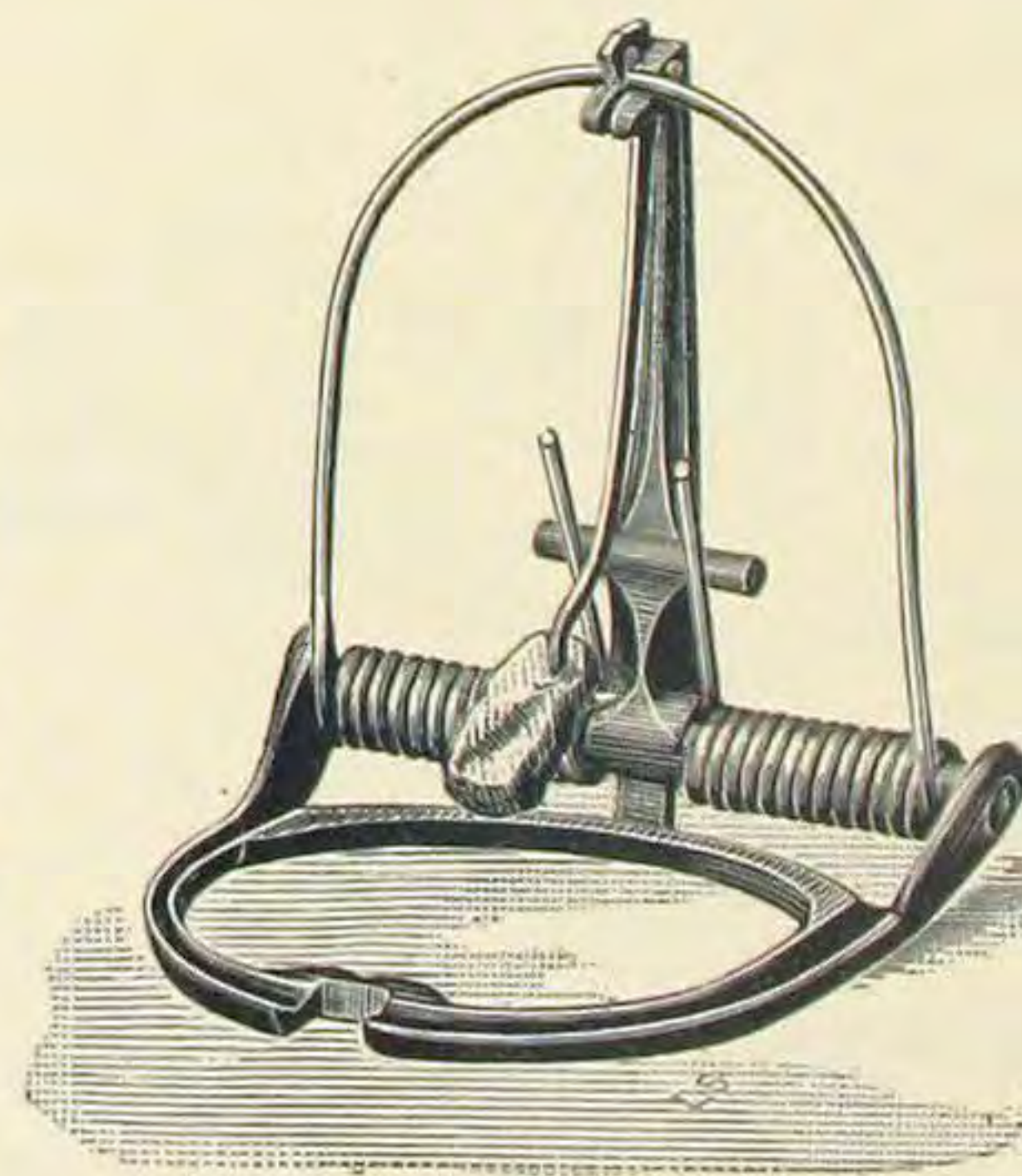
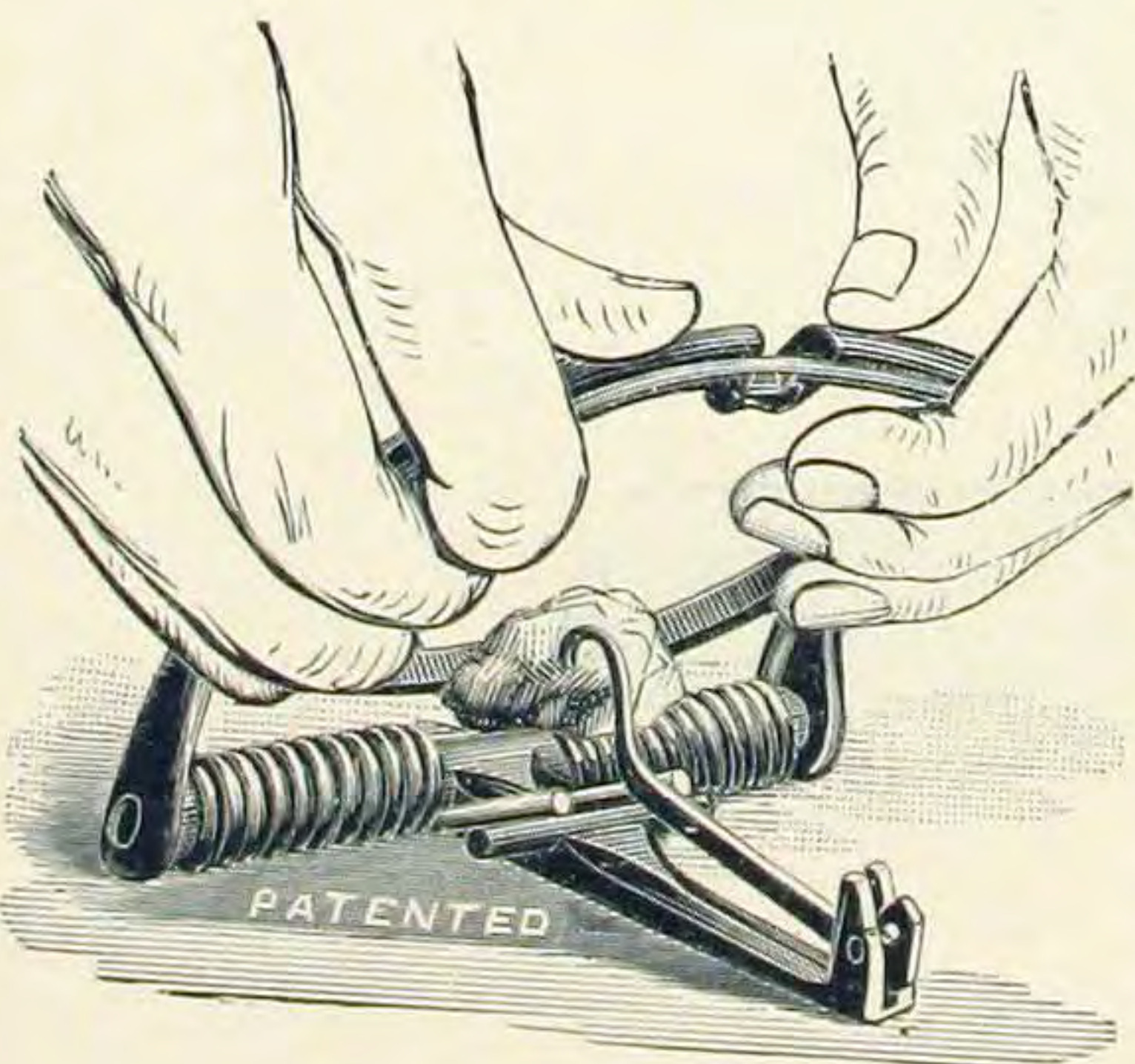
Packed 24, 48 and 90 dozen to a case.

Per dozen, \$1.25

**Hotchkiss' Patent New Rat Trap.**

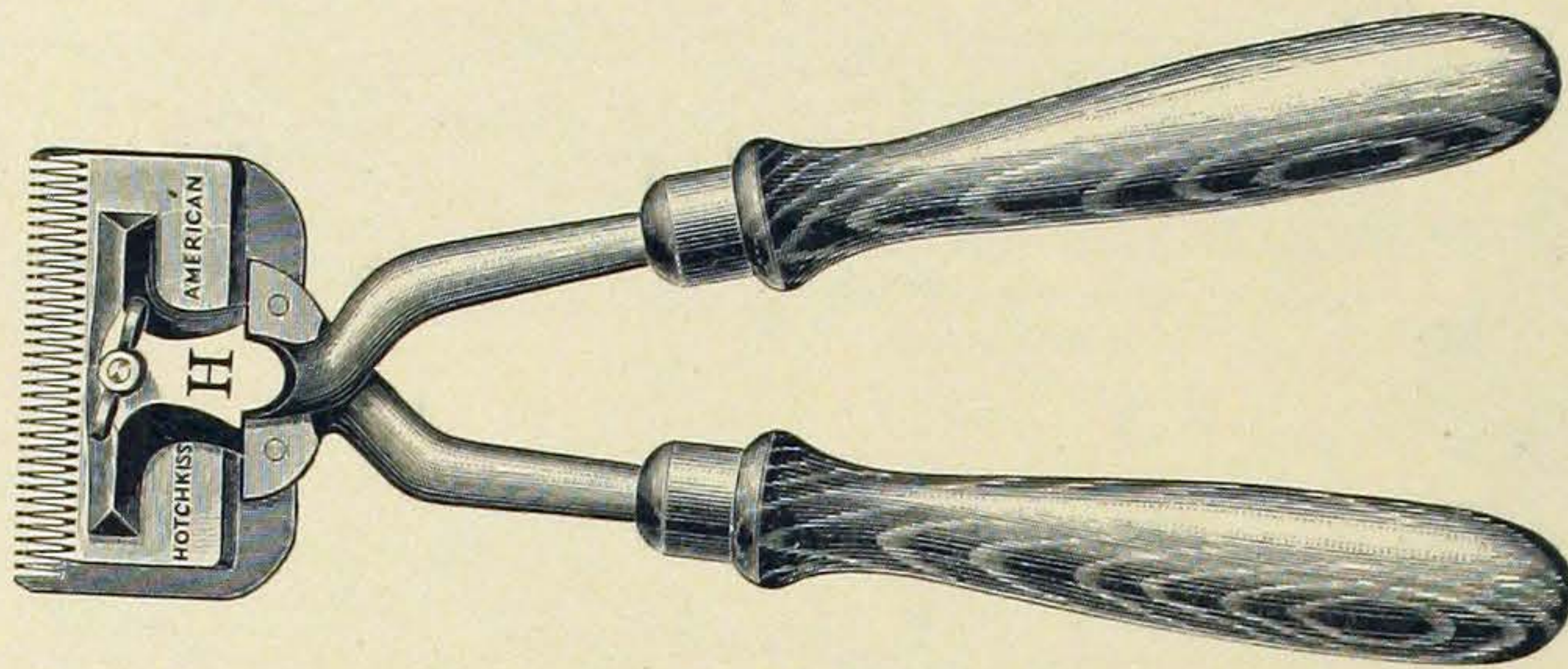
General principle same as in the Improved Rat Trap, but is made in skeleton form, and is therefore somewhat lighter and can be made cheaper than the Improved trap. Is made from malleable iron neatly japanned, the same spring is used in both the new and improved trap. Has only to be seen to be appreciated.

Per gross, \$34.00

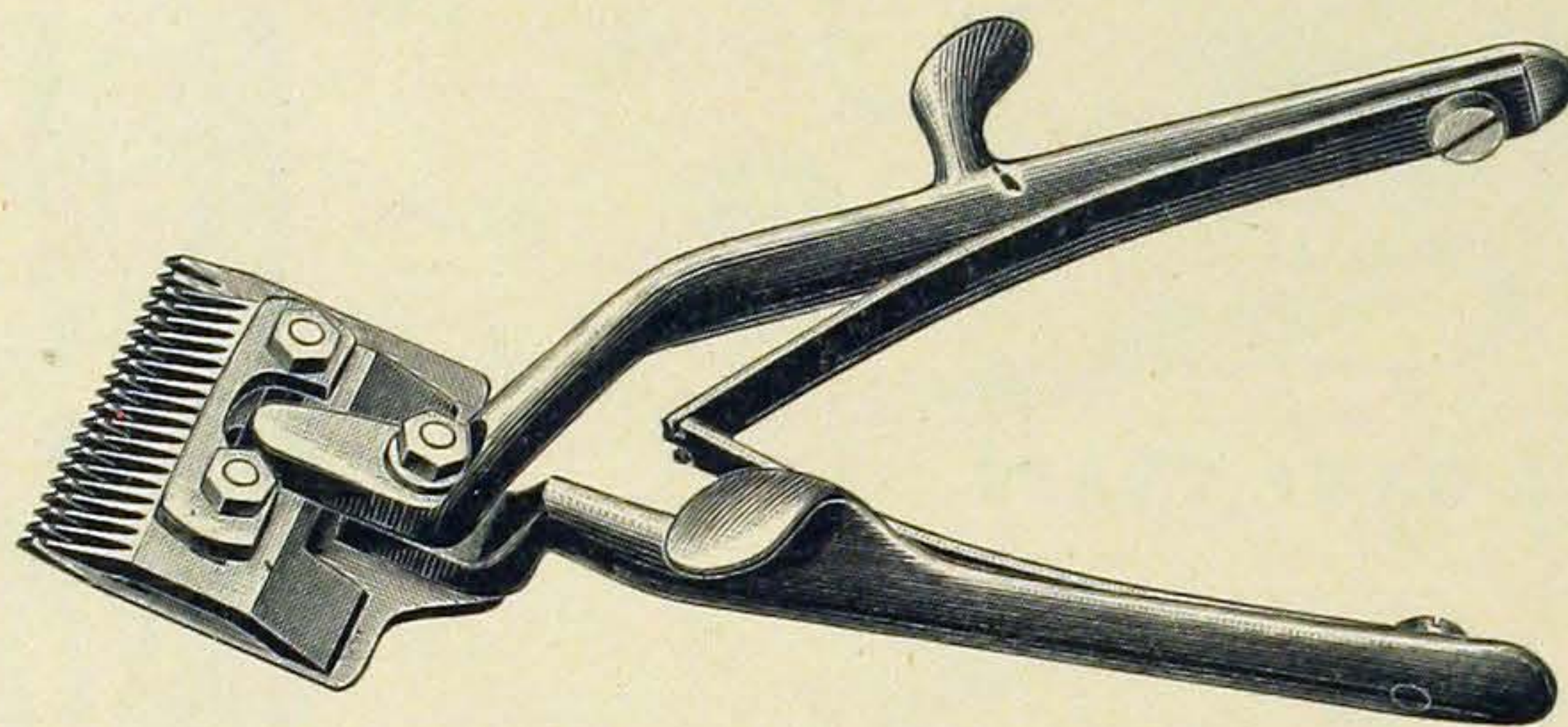


HOTCHKISS' AMERICAN CLIPPERS.

These two clippers are made in a most thorough manner, and for cutting quality and finish they cannot be equaled.



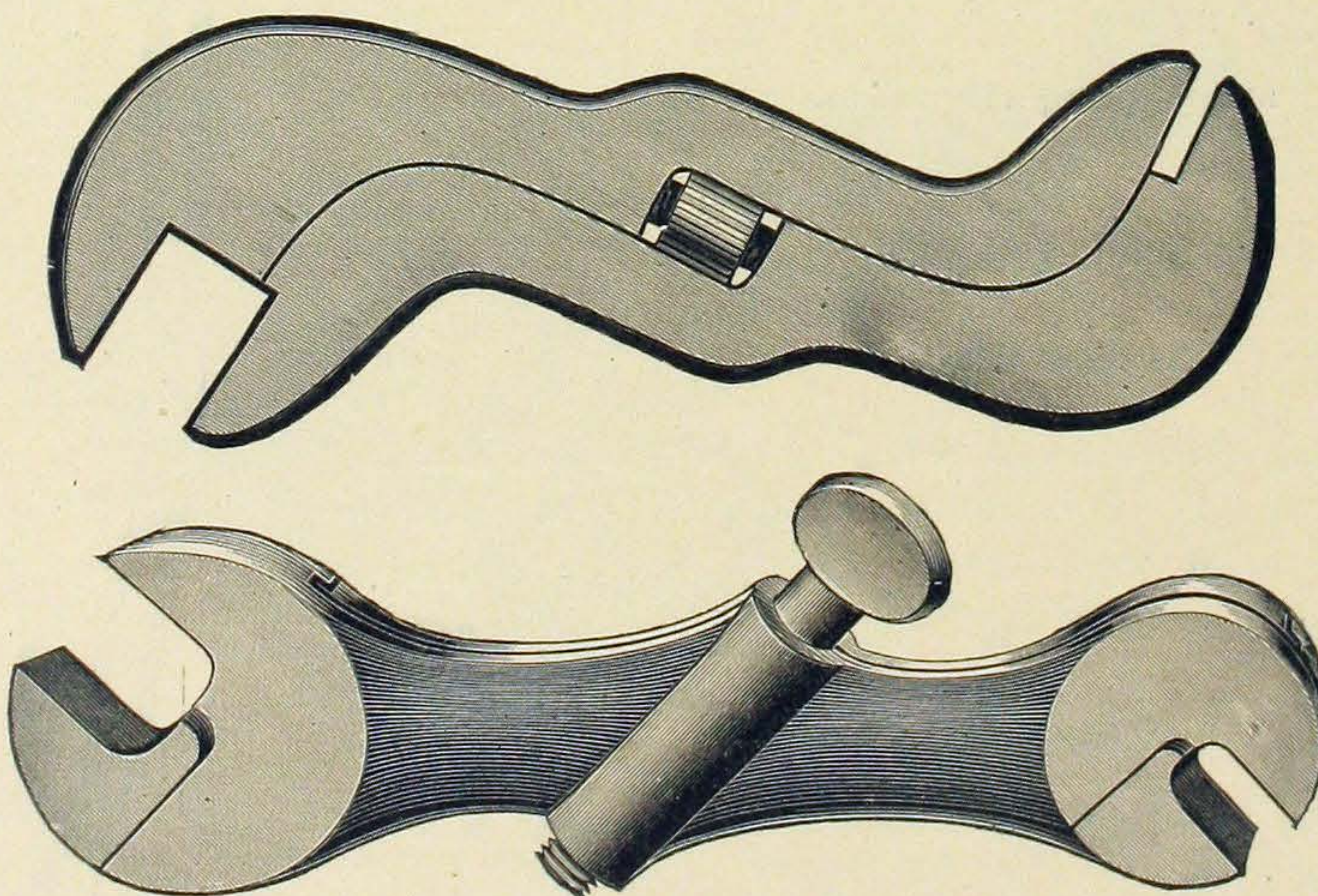
No. 1 Horse.



No. 1 Toilet.

Price, No. 1 Horse,	each, \$3.15
" " 1 Toilet,	" 3.15
Packed one in a box.	

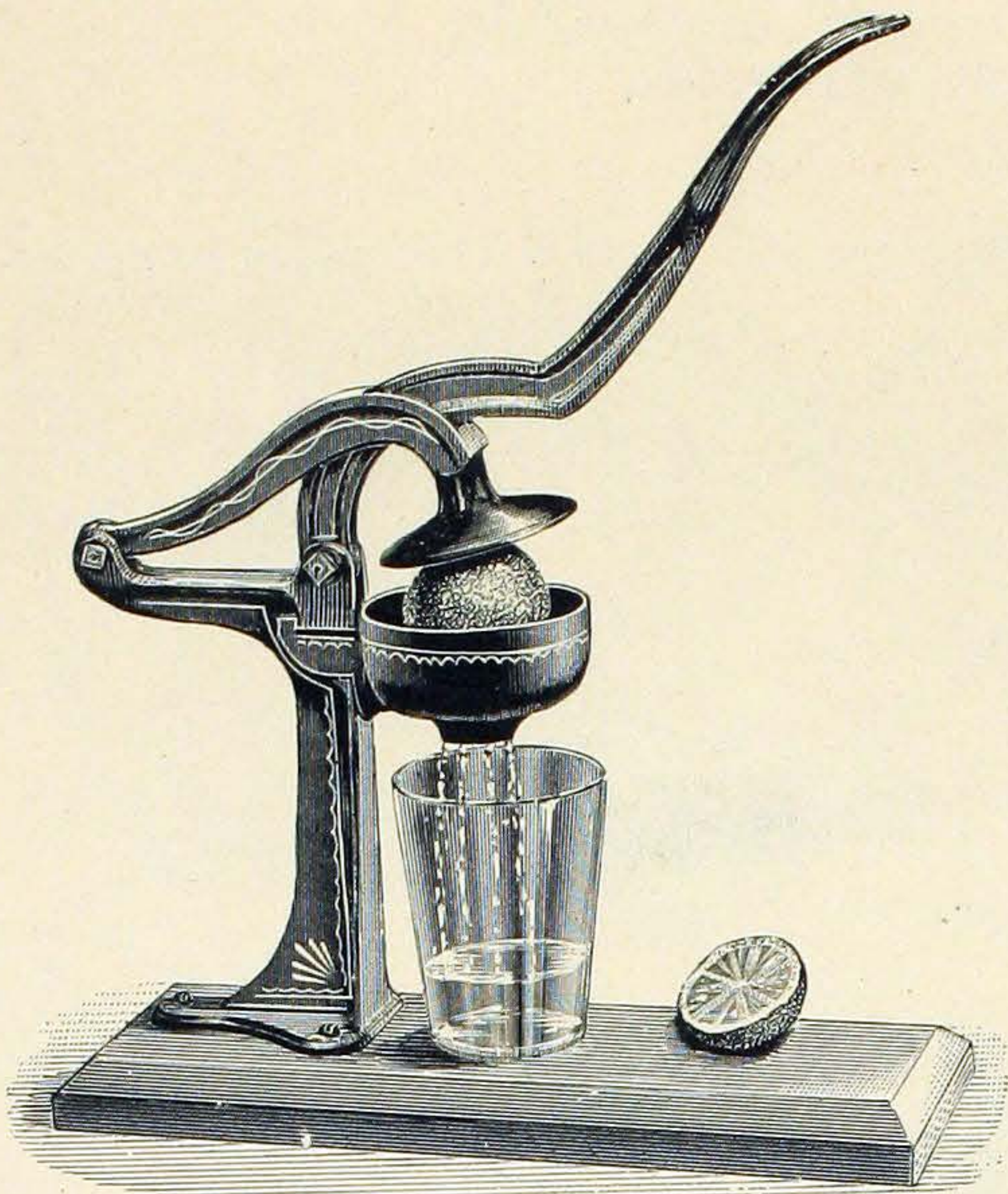
Baxter Pattern S and Diagonal Wrenches.



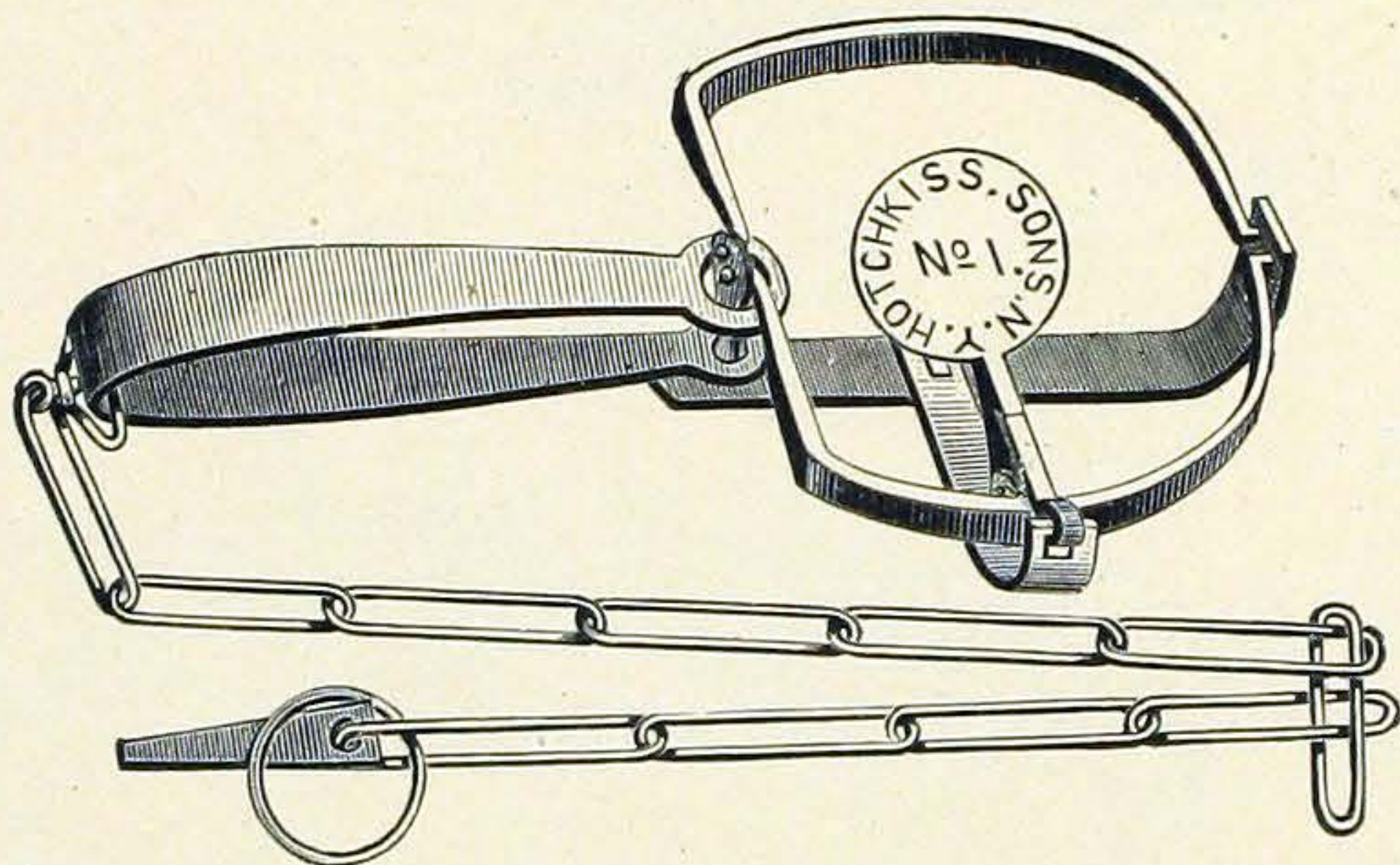
Inch,	4,	6,	8,	10,
Per dozen,	\$6.00	9 00	12.00	18.00
Packed one-half dozen in a box.				

Hotchkiss' Straight Flush Lemon Squeezers.

The latest, neatest and most powerful squeezer or press on the market, is very tastefully gotten up having a full japan finish, gold striped. The cup is detachable.



Per doz., . \$18.75

STEEL GAME TRAPS.

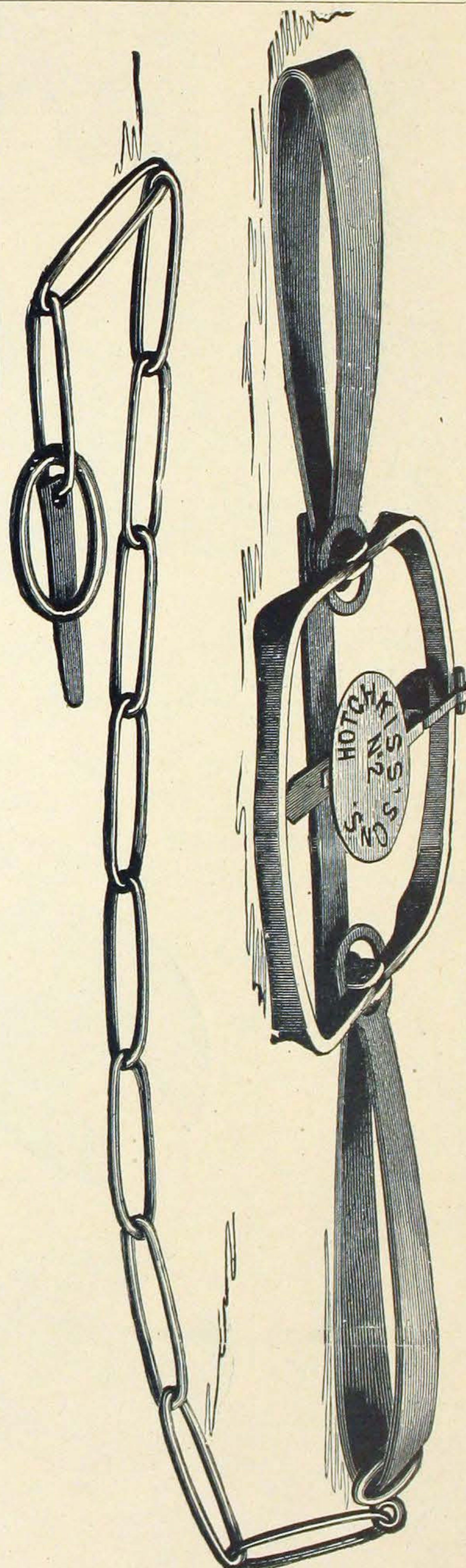
Single Spring with Chain.

Oneida Pattern.**Without Chain.**

No. 0, Rat, single spring, spread of jaws $3\frac{1}{2}$ inches,	per doz.,	\$3.25
" 1, Muskrat, " " 4 "	"	3.50
" $1\frac{1}{2}$, Mink, " " $4\frac{7}{8}$ "	"	6.00
" 2, Fox, double spring, " " $4\frac{7}{8}$ "	"	9.00

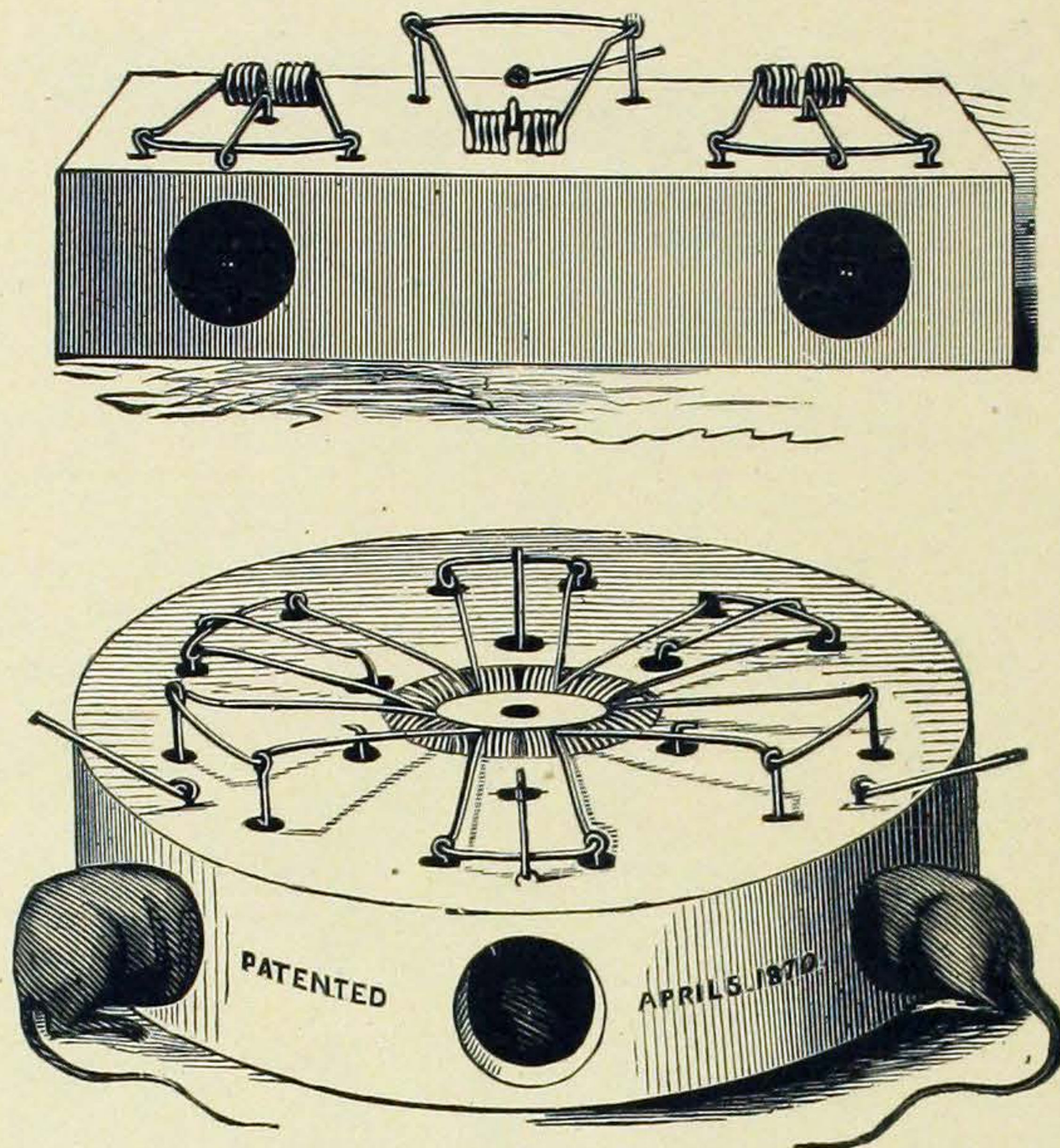
With Chain.

No. 0, Rat, single spring, spread of jaws $3\frac{1}{2}$ inches,	per doz.,	\$4.25
" 1, Muskrat, " " 4 "	"	4.75
" $1\frac{1}{2}$, Mink, " " $4\frac{7}{8}$ "	"	7.50
" 2, Fox double spring, " " $4\frac{7}{8}$ "	"	10.50



Double Spring, with Chain.

HOTCHKISS' PATENT MOUSE TRAPS.



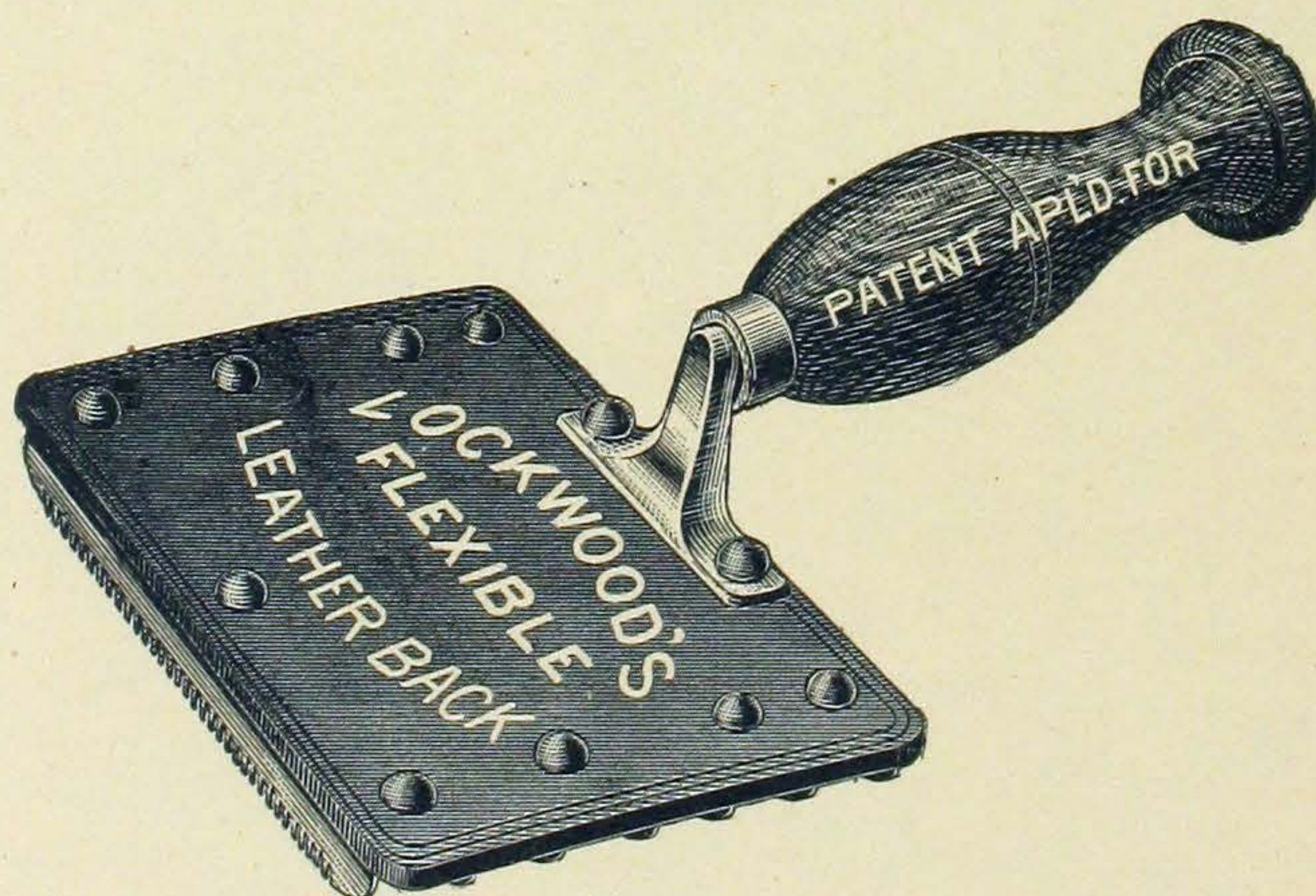
1	2	3	4	5	6	hole.
0.25	0.50	0.75	1.00	1.25	1.50	per dozen.

AGENTS FOR

W. J. LOCKWOOD,

MANUFACTURER OF

LOCKWOOD'S FLEXIBLE LEATHER BACK CURRY COMBS.



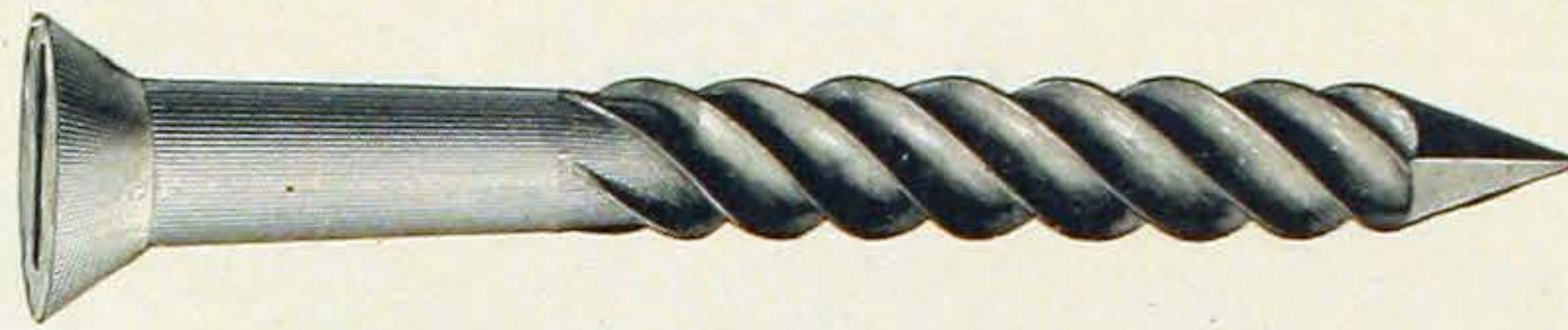
Made from selected leather backs, heavy steel bars, tinned rivets, applewood handles.

No. 113,

price, per dozen, \$6.00

Packed 1 dozen in paper box, 1 gross in case.

AGENTS FOR
AMERICAN SCREW COMPANY.



ROGERS' DRIVE SCREW.

Patent Iron Wood Screws and Rogers' Drive Screws.

List of January 1, 1891.

INCLUDING SUPPLEMENTARY LIST.

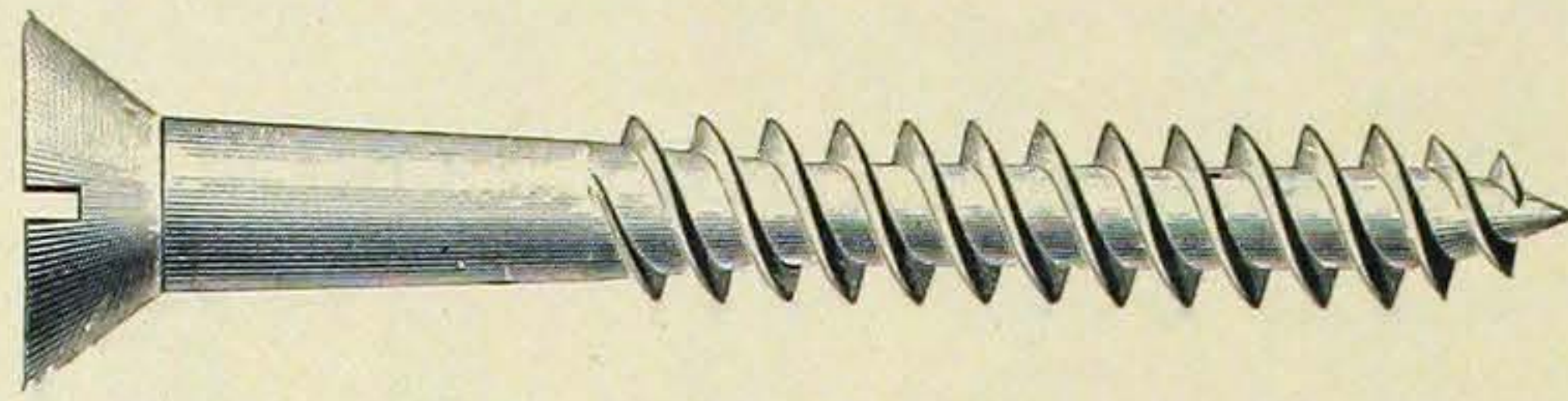
Price per gross.

SIZE.			LIST.			SIZE.			LIST.			SIZE.			LIST.			SIZE.			LIST.		
In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$
1/4	0	.40	7/8	2	.41	1 1/2	4	.70	2 1/4	8	1.30	3 1/2	10	3.30	2 1/2	8	1.55	4	12	4.50	5/8	10	.40
	1	.40		3	.44		5	.76		9	1.35		11	3.40		9	1.60		14	4.60		11	.40
	2	.40		4	.48		6	.82		10	1.45		12	3.50		10	1.70		16	4.75		12	.40
	3	.40		5	.52		7	.88		11	1.50		13	3.60		11	1.75		18	5.60		13	.40
	4	.40		6	.59		8	.94		12	1.70		14	3.70		12	1.85		20	7.40		14	.40
				7	.66		9	1.00		13	1.90		15	3.80		13	2.05		22	8.45		15	.40
				8	.73		10	1.10		14	2.10		16	3.90		14	2.25		24	9.70		16	.40
				9	.80		11	1.20		15	2.30		17	4.30		15	2.55		26	11.05		17	.40
				10	.87		12	1.30		16	2.50		18	4.75		16	2.75					18	.40
				11	.94		13	1.50		17	2.80		19	5.55		17	3.00					20	.40
3/8	0	.40	1	12	1.00	1 3/4	14	1.70	2 3/4	18	3.05	4 1/2	20	6.40	3	18	3.25	5	22	9.75	1 1/4	10	.40
	1	.40		13	1.15		15	1.90		20	3.60		22	7.30		18	3.60		24	11.05		12	.40
	2	.40		14	1.30		16	2.10		22	4.20		24	8.40		20	4.25		26	14.25		13	.40
	3	.40		15	1.50		17	2.30		24	4.80					22	5.00					14	.40
	4	.40		16	1.70		18	2.50								24	5.60					15	.40
	5	.40		17	1.80		19	2.60														16	.40
	6	.41		18	2.00		20	2.80														17	.40
	7	.48		19	2.20		21	3.00														18	.40
	8	.55		20	2.70		22	3.75														19	.40
	9	.62					24	4.35														20	.40
1/2	1	.40	1 1/4	4	.62	2	6	1.05	3	10	2.05	6	18	11.75	3 1/4	10	2.35	5 1/2	20	12.50	1 3/8	10	.40
	2	.40		5	.68		7	1.10		11	2.10		22	12.50		11	2.40		24	13.50		12	.40
	3	.40		6	.74		8	1.20		12	2.15		26	16.00		12	2.45		28	18.05		13	.40
	4	.40		7	.80		9	1.25		13	2.25					13	2.55					14	.40
	5	.40		8	.87		10	1.30		14	2.35					14	2.65					15	.40
	6	.40		9	.94		11	1.40		15	2.45					15	2.95					16	.40
	7	.40		10	1.00		12	1.55		16	2.60					16	3.30					17	.40
	8	.40		11	1.10		13	1.80		17	2.60					17	3.65					18	.40
	9	.40		12	1.20		14	2.00		18	2.90					18	4.05					19	.40
	10	.40		13	1.35		15	2.20		20	3.40					20	4.80					20	.40
5/8	1	.40	1 1/2	14	1.55	2 1/2	16	2.40	3 1/2	22	5.55	4	24	20.10	2 3/8	22	5.55	5 1/4	26	20.10	1 3/4	10	.40
	2	.40		15	1.75		17	2.40		24	6.40					24	6.40					11	.40
	3	.41		16	1.95		18	2.60								26	7.50					12	.40
	4	.41		17	2.15		19	2.90														13	.40
	5	.46		18	2.35		20	3.40														14	.40
	6	.53		19	2.85		21	4.00														15	.40
	7	.60		20	3.35		22	4.55														16	.40
	8	.67		21	3.95																	17	.40
	9	.74																				18	.40
	10	.81																				19	.40
3/4	11	.88	1 3/4			2 1/4			3 1/4			4 1/2			5 1/4			6 1/4			1 3/8	10	.40
	12	.95																				11	.40
	13	1.05																				12	.40
	14	1.20																				13	.40
	15	1.35																				14	.40
	16	1.55																				15	.40
																						16	.40
																						17	.40
																						18	.40
																						19	.40
																						20	.40

The following varieties of Iron Screws are invoiced from this list at varying discounts: Flat, Round, Piano, Fillister, and Oval Head Screws, Dowel and Felloe Screws, Bright, Blued, Bronzed, Japanned, Lacquered and Tinned.

The number of gross in a bundle is indicated by small figures on the side, divided by a star ().

AMERICAN SCREW COMPANY.



SPUR POINTED SCREW.

PATENT BRASS WOOD SCREWS.

List of January 1, 1891.

INCLUDING SUPPLEMENTARY LIST.

Price per Gross.

SIZE.			LIST.			SIZE.			LIST.			SIZE.			LIST.			SIZE.			LIST.		
In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$	In.	No.	\$
1/4	0	.80	7/8	2	1.35	1 1/2	4	2.85	2 1/4	8	6.85	5/8	1	.86	1 3/4	6	3.75	2 1/2	10	9.50	3/4	10	2.40
	1	.80		3	1.40		5	2.90		9	6.90		2	.91		7	3.80		11	9.55		11	2.65
	2	.84		4	1.45		6	2.95		10	6.95		3	.99		8	3.85		12	9.60		12	2.65
	3	.87		5	1.50		7	3.00		11	7.00		4	1.06		9	3.90		13	9.65		13	3.00
3/8	4	.91	1	6	1.55	2	8	3.05	3	12	7.05	1	5	1.03	2	10	4.45	3	14	7.90	1 1/4	14	3.70
	0	.80		7	1.80		9	3.45		13	7.90		6	1.10		11	4.45		15	8.80		15	4.10
	1	.82		8	2.05		10	3.95		14	8.80		7	1.20		12	5.00		16	9.80		16	4.50
	2	.86		9	2.35		11	4.45		15	9.80		8	1.30		13	5.60		17	10.75		17	4.70
1/2	3	.89	1 1/8	10	2.65	1 1/4	14	6.25	2 1/2	16	10.75	1 1/2	10	1.10	2 1/4	15	6.90	2 1/2	18	11.90	2 3/4	18	3.00
	4	.95		11	2.95		15	6.90		17	11.90		11	1.20		16	7.60		19	13.00		19	3.35
	5	1.03		12	3.35		16	7.60		18	13.00		12	1.30		17	8.35		20	15.40		20	3.70
	6	1.10		13	3.70		17	8.35		19	15.40		13	1.50		18	9.15		21	18.05		21	4.10
5/8	7	1.20	1 1/4	14	4.10	1 3/4	18	9.15	3	20	18.05	3	14	1.70	3	19	9.15	3	22	18.05	3	22	4.50
	8	1.30		15	4.55		19	9.15		21	18.05		15	1.90		20	10.85		23	18.05		23	4.70
	9	1.30		16	5.05		20	10.85		22	18.05		16	2.15		21	10.85		24	18.05		24	4.90
	10	2.15		17	5.55		21	10.85		23	18.05		17	2.40		22	11.90		25	18.05		25	5.00
3/4	11	2.40	1 3/4	18	6.65	2	22	14.50	3 1/4	24	16.85	3 1/4	18	2.65	3 1/4	23	14.50	3 1/4	26	18.05	3 1/4	26	5.35
	12	2.65		19	7.10		23	14.50		25	16.85		19	2.90		24	15.40		27	18.05		27	5.65
	13	3.00		20	7.60		24	16.85		26	18.05		20	3.15		25	16.85		28	18.05		28	5.95
	14	3.35		21	8.10		25	16.85		27	18.05		21	3.40		26	17.90		29	18.05		29	6.25

The following varieties of Screws are invoiced from this List at varying Discounts ; Flat, Round, Fillister and Oval Head Screws, of Brass, Copper, Bronze or Phosphor Bronze, Bronzed or Lacquered.

* The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

AGENTS FOR

LORING & PARKS,

SUCCESSOR TO SAMUEL LORING'S

PLYMOUTH TACK AND RIVET WORKS.

NORWAY IRON RIVETS.

RIVETS.

Countersunk Head,
Steeple Head,
Cone Head,
Round Head,
Globe Head,
C. S. O. Head,
Socket Head,

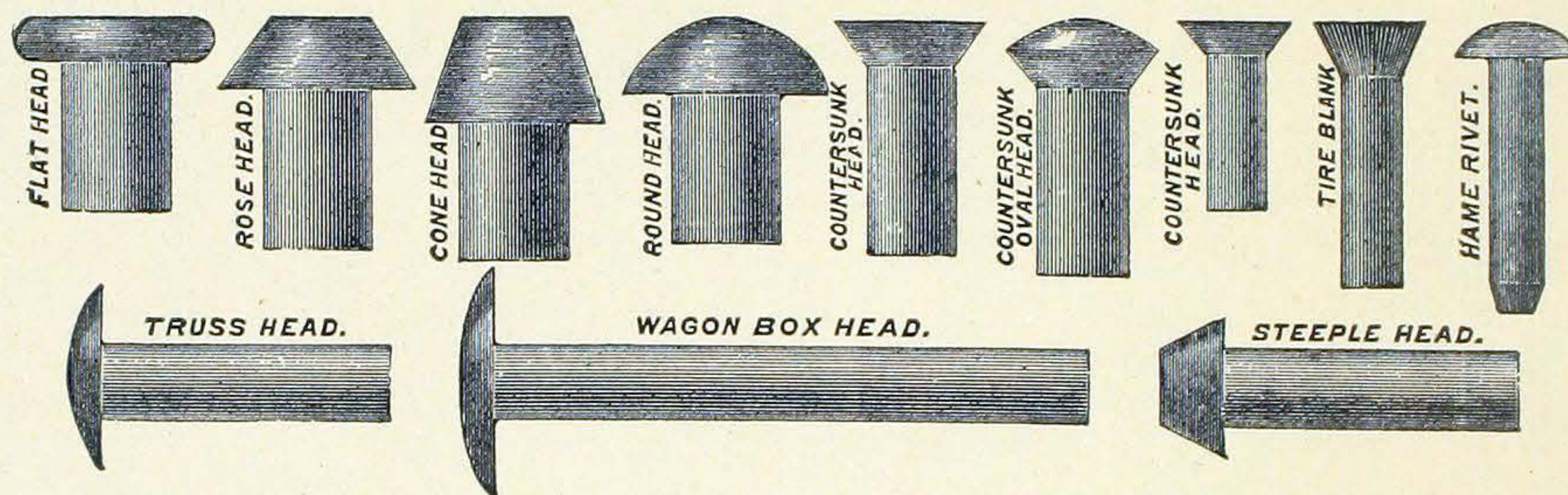
Machine Head,
Stove Rivets,
Hame Rivets,
Trunk Rivets,
Pipe Rivets,
Lock Rivets,
Picker Rivets,

Copper Rivets,
Copper Burrs,
Iron Burrs,
Wagon Box Head,
Truss Head,
Flat Head,
Oval Head,

Button Head,
Curve Head,
Rose Head,
Lock Head,
Shovel Rivets,
Mowing Machine Rivets,
Shoe Rivets,

Pail Rivets,
Tub Rivets,
Belt Rivets,
Brass Rivets,
Brass Burrs,
Etc., etc., etc.

REVISED LIST OF WARRANTED RIVETS.



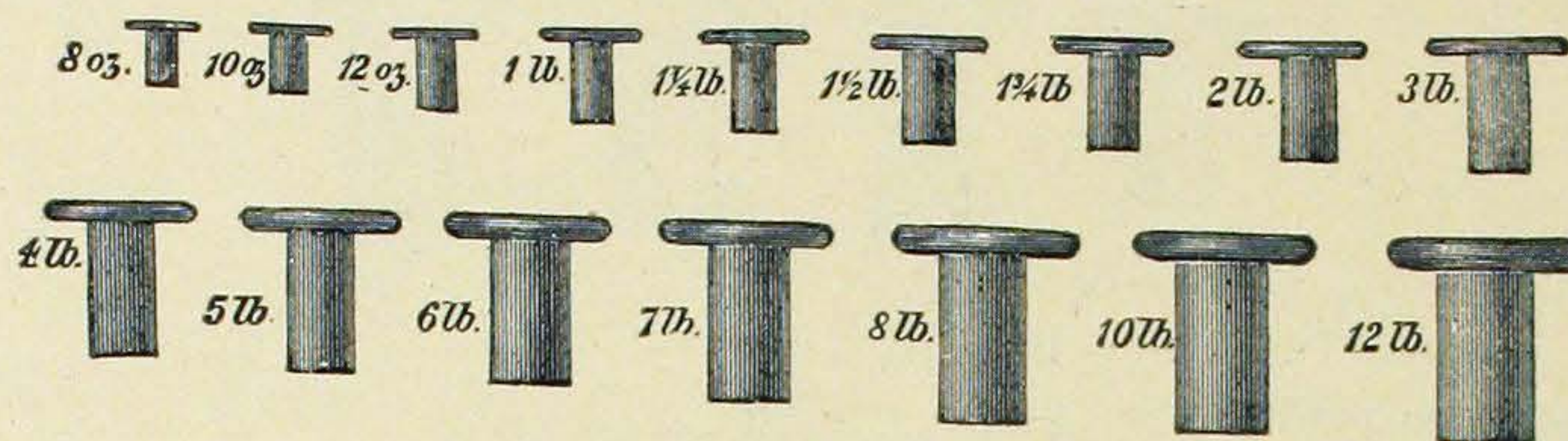
IRON RIVETS, ANY STYLE HEAD.

List November 17, 1887.

PRICE PER POUND, IN CENTS.

SIZE OF WIRE.	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{11}{32}$	$\frac{5}{16}$	1	2	3	$\frac{1}{4}$	4	5	6	$\frac{3}{16}$	7	8	9	10	11	12	13	14
1-2 in. and longer, 12	12	12	12	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	14	14	14	15	16	18	19	20	21	25	27
15-32 " long,	12	12	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	13	13	14	15	15	15	15	16	16	19	20	22	24	27	30
7-16 " "		12	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$	13	13	14	16	16	16	16	17	17	19	21	24	26	30	35
13-32 " "			13	13	13	14	14	15	16	16	16	16	17	17	20	22	26	28	33	38
3-8 " "			13	13	13	14	14	15	16	17	17	17	17	18	20	23	27	29	34	40
11-32 " "				13	13	14	14	15	17	17	17	17	17	18	21	25	28	30	35	45
5-16 " "					14	15	15	16	17	18	18	18	18	19	21	27	30	32	37	50
9-32 " "						15	15	16	18	18	18	18	18	19	21	28	31	34	39	52
1-4 " "							15	15	16	18	19	19	19	19	21	28	31	35	40	54
7-32 " "								16	17	19	20	20	20	21	23	30	33	36	41	56
3-16 " "									16	17	19	21	22	22	22	25	33	37	41	58
5-32 " "										18	20	22	23	23	23	27	35	40	45	60
1-8 " "											20	22	24	24	24	29	37	42	50	63
3-32 " "												21	23	25	25	25	30	38	45	65

IRON RIVETS.



BLACK.—In papers.

8	10	12	14 oz.	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 pounds.
20	22	24	26	27	29	32	36	40	47	53	58	64	75	90 cents per M.
		7		8	9		10	12		14		16		pounds.
		1.05		1.20	1.27		1.40	1.65		1.90		2.20		cents per M.

TINNED.—In papers.

8	10	12	14 oz.	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 pounds.
24	25	28	30	33	37	41	47	52	63	72	80	88	1.05	1.26 cents per M.
		7		8	9		10	12		14		16		pounds.
		1.50		1.70	1.80		2.00	2.40		2.75		3.10		cents per M.

On above, Oval or Countersunk Heads, or extra lengths, 5 cents per M. in addition to above prices.

BLACK.—In bulk.

8	10	12	14 oz.	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 pounds.
38	34	31	29	26	23	21	20	19	18	17	16	15	14	14 cents per lb.
		7		8	9		10	12		14		16		pounds.
		14		14	13		13	12 1/2		12 1/2		12 1/2		cents per lb.

TINNED.—In Bulk.

8	10	12	14 oz.	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	3 1/2	4	5	6 pounds.
45	40	37	35	32	29	27	26	25	24	23	22	21	20	20 cents per lb.
		7		8	9		10	12		14		16		pounds.
		20		20	19		19	18 1/2		18 1/2		18 1/2		cents per lb.

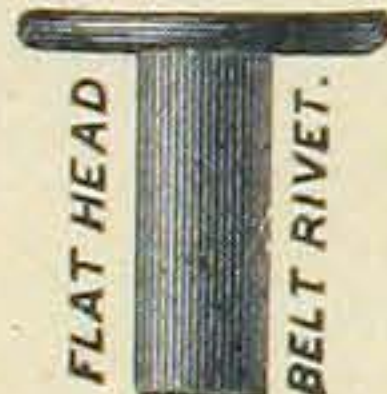
HAME RIVETS.



6	3/16	7	8	size of wire.
14	14	15	16	any length, cents per pound.



TINNED OR COPPERED IRON BELT RIVETS AND BURRS.



7	8	9	10	11	12	13	size of wire.
25	26	27	28	30	35	38	any length, cents per pound.



TINNED IRON TRUNK RIVETS.

Size of wire, 9.

1/4	5/16	3/8	7/16	1/2	inch and longer.
27	27	26	25	24	cents per pound.

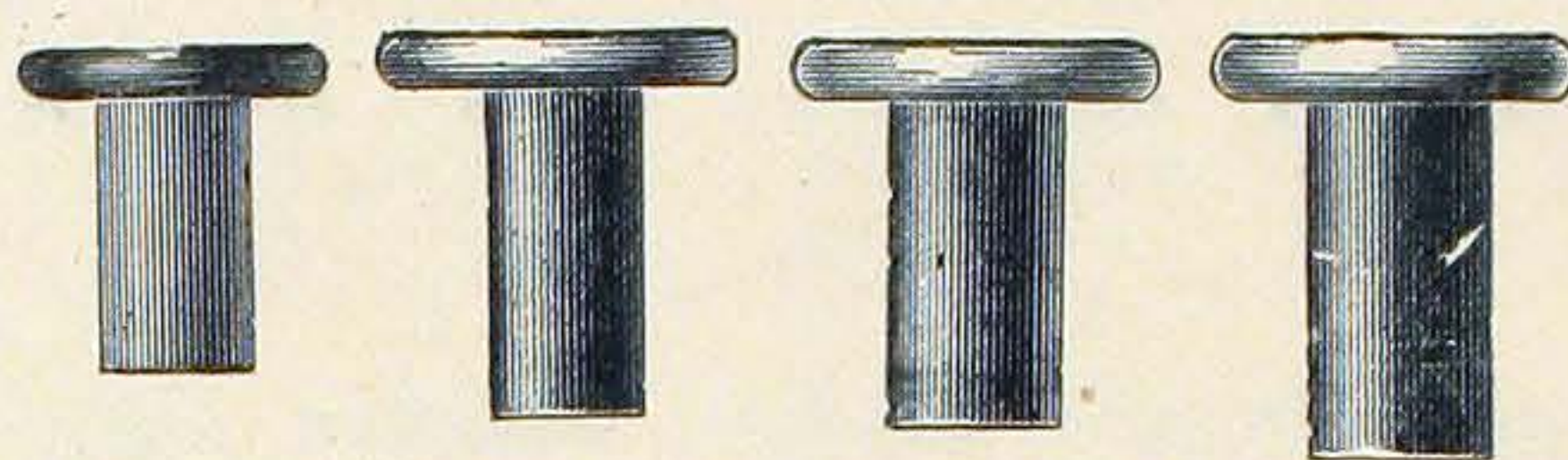
SWEDES IRON BURRS.

BLACK.

3/8	11/32	5/16	1	2	3	1/4	4	5	6	3/16	7	8	9	10	11	12	13	14	size of wire.
23	23	23	23	23	23	23	24	25	28	28	30	33	34	35	36	42	42	45	cents per pound.

TINNED.

3/8	11/32	5/16	1	2	3	1/4	4	5	6	3/16	7	8	9	10	11	12	13	14	size of wire.
29	29	29	29	29	29	29	30	31	34	34	36	39	40	41	42	48	48	51	cents per pound.

COOPERS' RIVETS.

Size,	1 d	2 d	3 d	4 d	5 d	6 d
Heavy, medium and light, per pound,	15	13	12½	12½	12½	12 cents.

BARREL RIVETS.

Size,	5 lb.	6 lb.	7 lb.	8 lb.	10 lb.
Per pound,	14	14	14	14	13 cents.

BLOCK AND CARRIAGE RIVETS.

IN PACKAGES OF ONE HUNDRED.

Size of wire,	3	¼	4	5	6	7	8
½ inch long, per hundred,	18	18	16	14	12	11	9 cents.
⅝ " " " "	21	21	19	16	14	13	10 "
¾ " " " "	24	24	21	18	16	14	11 "
⅞ " " " "	27	27	24	21	18	16	13 "
1 " " " "	30	30	26	22	19	17	14 "
1⅛ " " " "	33	33	29	25	21	19	16 "
1¼ " " " "	36	36	32	27	22	20	18 "
1½ " " " "	42	42	37	31	25	23	20 "
1¾ " " " "	48	48	42	35	29	26	23 "
2 " " " "	54	54	47	40	33	29	25 "
2¼ " " " "	60	60	53	45	37	33	28 "
2½ " " " "	66	66	58	49	41	36	30 "
3 " " " "	75	75	66	57	49	42	35 "
3½ " " " "	84	84	75	66	57	58	40 "
4 " " " "	94	94	84	74	64	64	44 "

"BETTINA" BRAND.

Soft Norway iron, coppered belt rivets and burrs. Packed in pound or half-pound green covered boxes, assorted lengths, or as may be desired. Handsome labels.

Numbers,	7	8	9	10	11	12	13
Price per pound,	25	26	27	28	30	35	38 cents.

COPPERED BELT RIVETS.

Without burrs. One-half inch and longer. In bulk, or pound or half pound packages.

Numbers,	7	8	9	10	11	12	13
Price per pound,	21	22	24	25	26	27	31 cents.

COPPERED BURRS.

Without rivets. In bulk or pound or half pound packages.

Numbers,	7	8	9	10	11	12	13
Price per pound,	36	39	40	41	42	48	48 cents.

BELT AND HOSE COPPER RIVETS AND BURRS.

Numbers,	7	8	9	10	11	12	13	14	15
Price per pound,	49	50	52	54	56	58	60	65	70 cents.

AGENTS FOR

ATLAS TACK CORPORATION.

BRANCHES:

DUNBAR, HOBART & Co., So. Abington Sta., Mass.
Established 1810.

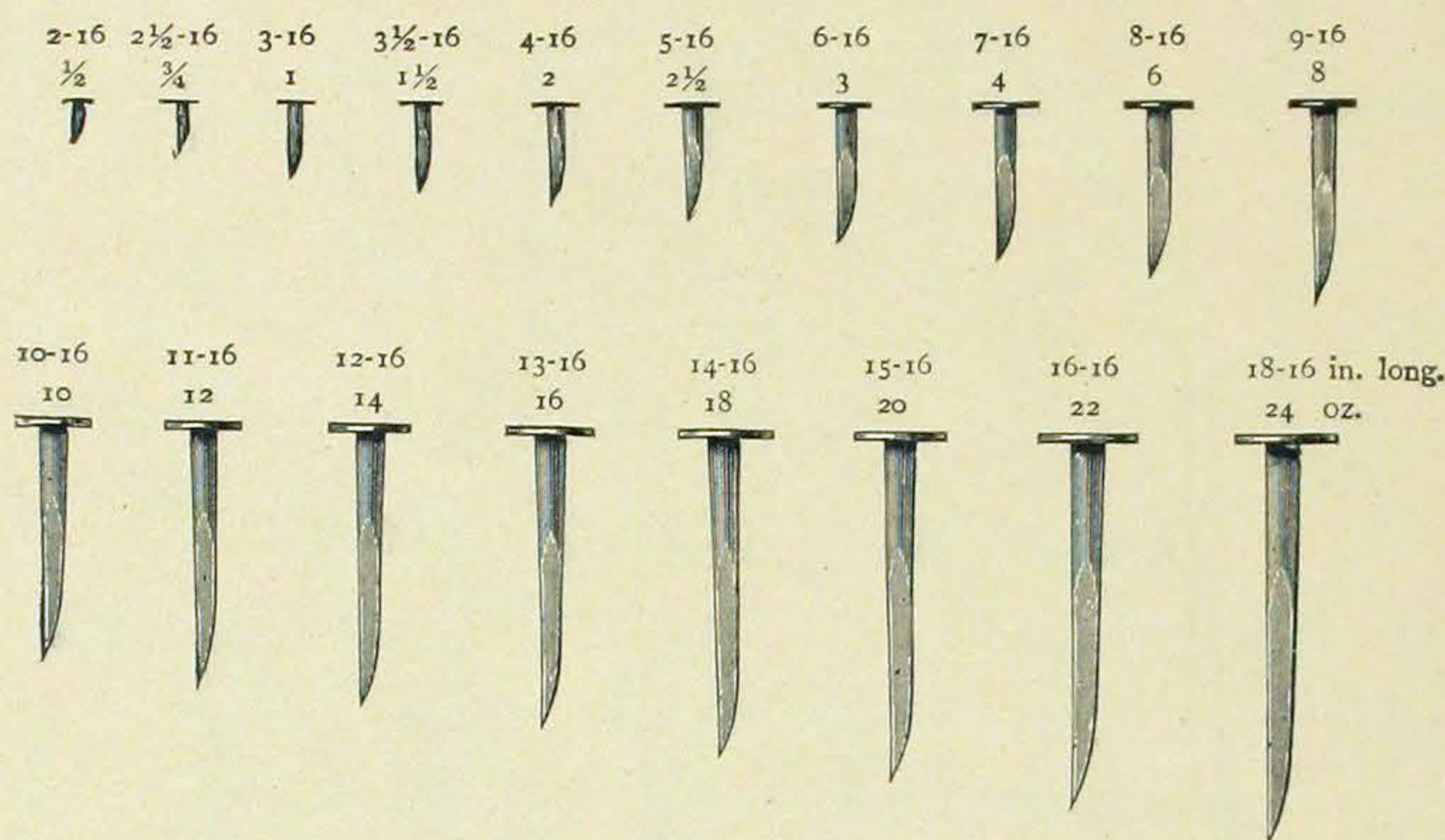
ALBERT FIELD TACK Co., Taunton, Mass.
Established 1827.

LORING & PARKS, Plymouth, Mass.
Established 1842.

TAUNTON TACK Co., Taunton, Mass.
Established 1854.

AMERICAN TACK Co., Fairhaven, Mass.
Established 1867.

List adopted October 19th, 1889.

AMERICAN IRON CUT TACKS.**PRICE PER DOZEN PAPERS:**

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Full weight,	\$0.80	.90	.90	1.00	1.10	1.20	1.30	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60	3.90
Half "	\$0.45	.50	.50	.55	.60	.65	.70	.80	.95	1.10	1.25	1.40	1.55	1.70	1.85	2.00
Quarter weight,					\$0.35	.40	.45	.50	.55	.60	.70	.80	.90	1.00	1.10	1.20

AMERICAN IRON CUT TACKS, in Assorted Boxes.

One hundred papers in a box.

Ten boxes in a case.

NUMBER OF THE ASSORTMENT.	(100) ASSORTMENT OF PAPERS. 100 Papers in a box.										(100) LIST PRICE. Per Box.		
	2½ oz.	3 oz.	4 oz.	6 oz.	8 oz.	10 oz.	12 oz.	14 oz.	16 oz.	18 oz.	20 oz.	Quarter Weight.	Half Weight.
1,		10	15	25	25	15	10					\$3 95	\$6.54
2,			15	25	25	25	10					4 12	6.83
3,			10	25	25	25	15					4 20	7.02
4,			10	15	25	20	15	15				4.48	7.60
5,				30	35	25	10					4.23	6.97
6,			15	25	25	30	5					4.10	6.77
7,			15	35	35	10	5					3.98	6.43
8,		10	25	25	30	5	5					3.79	6.16

Tinned American Iron Cut Tacks.**PRICE PER DOZEN PAPERS.**

Ounce,	3	4	6	8	10	12	14	16	18	20	22	24
Full weight,	\$1.60	1.80	2.00	2.20	2.70	3.10	3.60	4.10	4.60	5.10	5.60	6.10
Half "	\$0.85	.95	1.05	1.15	1.40	1.60	1.85	2.10	2.35	2.60	2.85	3.10

SWEDES IRON CUT TACKS AND UPHOLSTERERS.

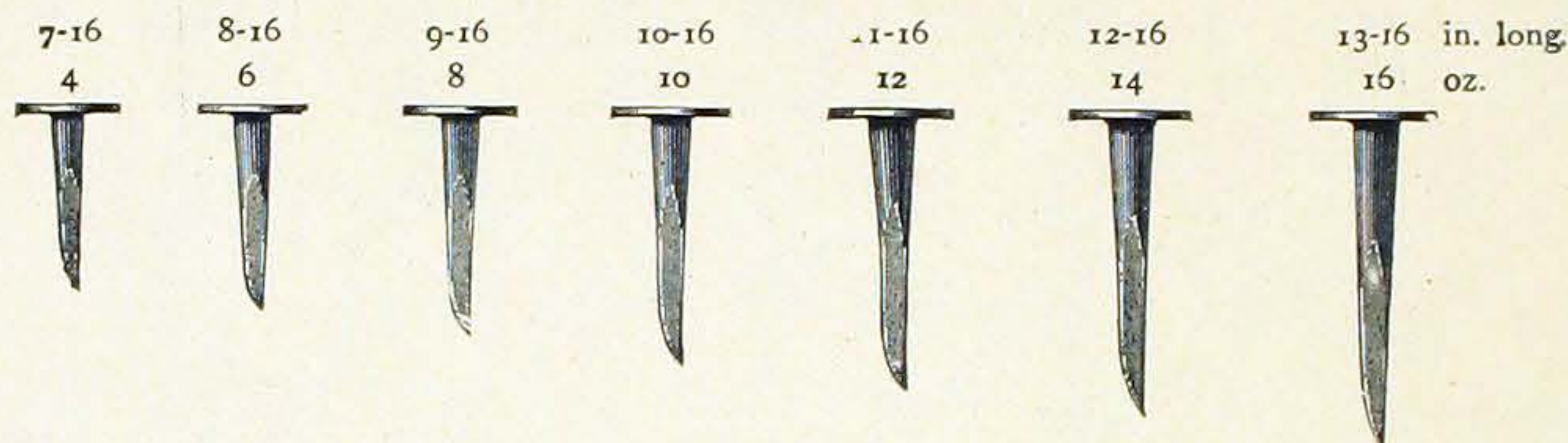
PRICE PER DOZEN PAPERS.

Ounce,	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4	6	8	10	12	14	16	18	20	22	24
Full,	\$0.60	70	80	90	1.00	1.10	1.20	1.40	1.70	2.00	2.30	2.70	3.10	3.40	3.80	4.20	4.60	5.00
Half,	35	40	45	50	55	60	65	75	90	1.05	1.20	1.40	1.60	1.75	1.95	2.15	2.35	2.55

TINNED SWEDES IRON CUT TACKS AND UPHOLSTERERS.

PRICE PER DOZEN PAPERS.

Ounce,	$\frac{1}{2}$ and $\frac{3}{4}$	1 and $1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4	6	8	10
Full Weight,	\$1.00 and 1.10	1.30 and 1.50	1.70	1.90	2.00	2.10	2.50	2.90	3.40
Half " "	55 " 60	70 " 80	90	1.00	1.05	1.10	1.30	1.50	1.75
Ounce,			12	14	16	18	20	22	24
Full Weight,			\$4.00	4.50	5.00	5.70	6.30	7.00	7.60
Half " "			2.05	2.30	2.55	2.90	3.20	3.55	3.85

LARGE HEAD CARPET TACKS.

PRICE PER DOZEN PAPERS.

Ounce,	4	6	8	10	12	14	16	18	20	22	24
Swedes Iron, full weight,	\$1.40	1.70	2.00	2.30	2.70	3.10	3.40	3.80	4.20	4.60	5.00
" " half "	75	90	1.05	1.20	1.40	1.60	1.75	1.95	2.15	2.35	2.55
American Iron, full weight,	1.20	1.30	1.50	1.80	2.10	2.40	2.70	3.00	3.30	3.60	3.90
" " half "	65	70	80	95	1.10	1.25	1.40	1.55	1.70	1.85	2.00

TINNED LARGE HEAD CARPET TACKS.

With Flat or Oval Head.

PRICE PER DOZEN PAPERS.

Ounce,	4	6	8	10	12	14	16	18	20	22	24
Swedes Iron, full weight,	\$2.10	2.50	2.90	3.40	4.00	4.50	5.00	5.70	6.30	7.00	7.60
" " half "	1.10	1.30	1.50	1.75	2.05	2.30	2.55	2.90	3.20	3.55	3.85
American Iron, full weight,	1.80	2.00	2.20	2.70	3.10	3.60	4.10	4.60	5.10	5.60	6.10
" " half "	95	1.05	1.15	1.40	1.60	1.85	2.10	2.35	2.60	2.85	3.10
" " quarter "	50	55	60	75	85	1.00	1.10	1.20	1.35	1.45	1.60

LEATHER HEAD CARPET TACKS.

PRICE PER DOZEN PAPERS.

Ounce,	4	6	8	10	12	14
Full count (144 tacks to the paper),	\$0.30	32	34	36	38	40
Three-fourths count (100 tacks to the paper),	24	26	28	30	32	34
Bulk or pound papers, per pound,	50	40	35	33	30	

STEEL CARPET TACKS.

Price per dozen papers.

	6 oz.	8 oz.	10 oz.	12 oz.	14 oz.	16 oz.
Blued or Bright, 2 oz. papers,						
" " 4 oz. "	45	45	45	45	45	45
Tinned, 2 oz. papers,	80	80	80	80	80	80
" 4 oz. "	60	60	60	60	60	60
Steel Carpet Tacks, 75 Tacks in paper,	115	115	115	115	115	115
" " 100 "	33	37	43	47		
" " 250 "	38	42	48	52		
" " 500 "	95	105	120	130		
Tinned Steel Carpet Tacks, 75 Tacks in paper,	190	210	240	260		
" " 100 "	48	53	68	77		
" " 250 "	53	58	73	82		
" " 500 "	133	145	183	205		
	266	290	366	410		

PLYMOUTH ROCK CARPET TACKS.

Each Box contains 144 Papers, viz :

24 Papers 6 Ounce.

72 Papers 8 Ounce.

48 Papers 10 Ounce.

ALL SIZES OF UNIFORM WEIGHT, EITHER 2 OUNCES IN A PAPER, OR 4 OUNCES IN A PAPER.

Best Steel Carpet Tacks, Blued or Bright,	2 oz. papers,	per box, \$2.25
" " " "	4 oz. "	3.50
" " " "	Tinned or Coppered, 2 oz. "	2.50
" " " "	4 oz. "	4.00

MAYFLOWER STEEL CARPET TACKS.

Each Box contains :

6 Papers 6 oz. Black.

12 Papers 10 oz. Black.

18 Papers 8 oz. Tinned.

18 Papers 8 oz. Black.

6 Papers 6 oz. Tinned.

12 Papers 10 oz. Tinned.

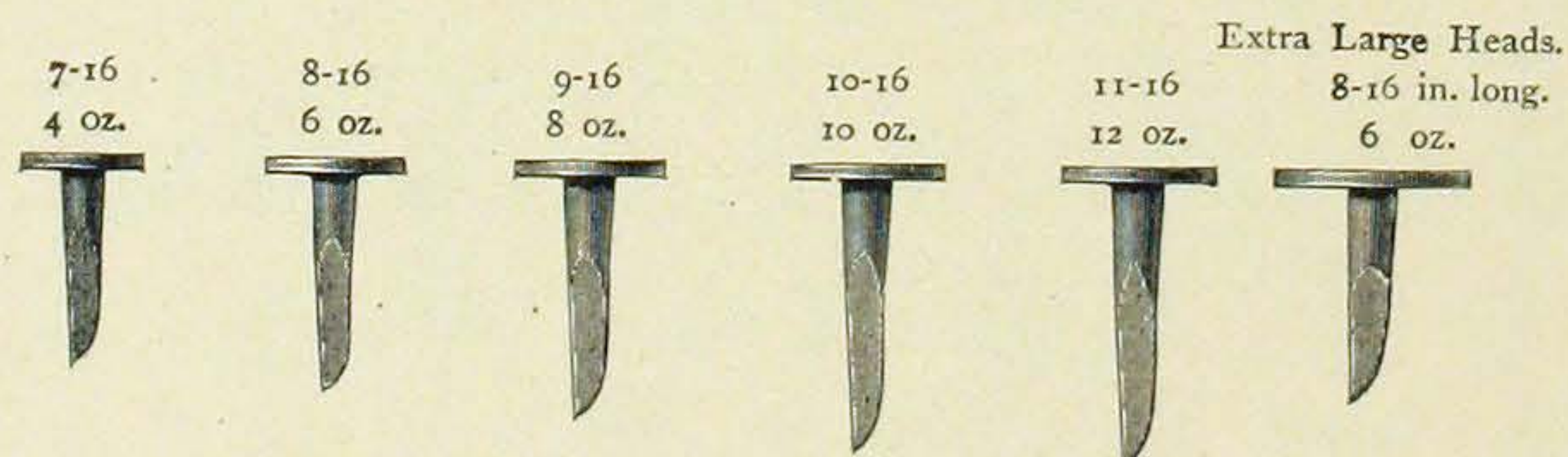
PACKED 72 PAPERS IN A BOX.

WARRANTED 250 TACKS TO A PAPER.

The cover is on hinges. Can furnish either Blued, Bright, Tinned or Coppered, and packed in any assortment desired.

Blued or Bright.**Tinned or Coppered.****Assorted Blued and Tinned.**

Half Gross Boxes,	net per box, \$
Gross Boxes,	"

EXTRA LARGE HEAD MINER'S TACKS.**SWEDES IRON.**Extra Large Heads.
8-16 in. long.
6 oz.

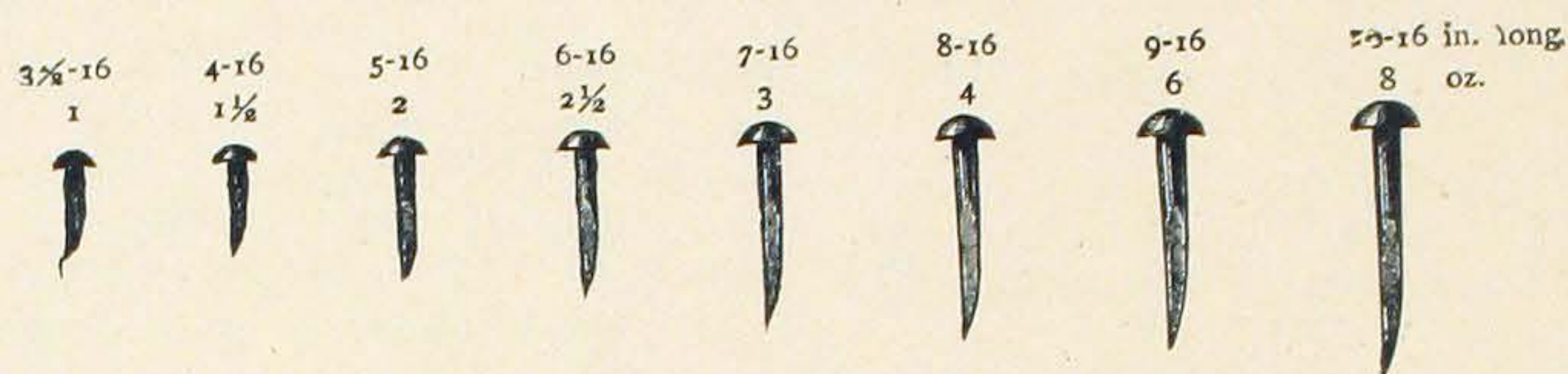
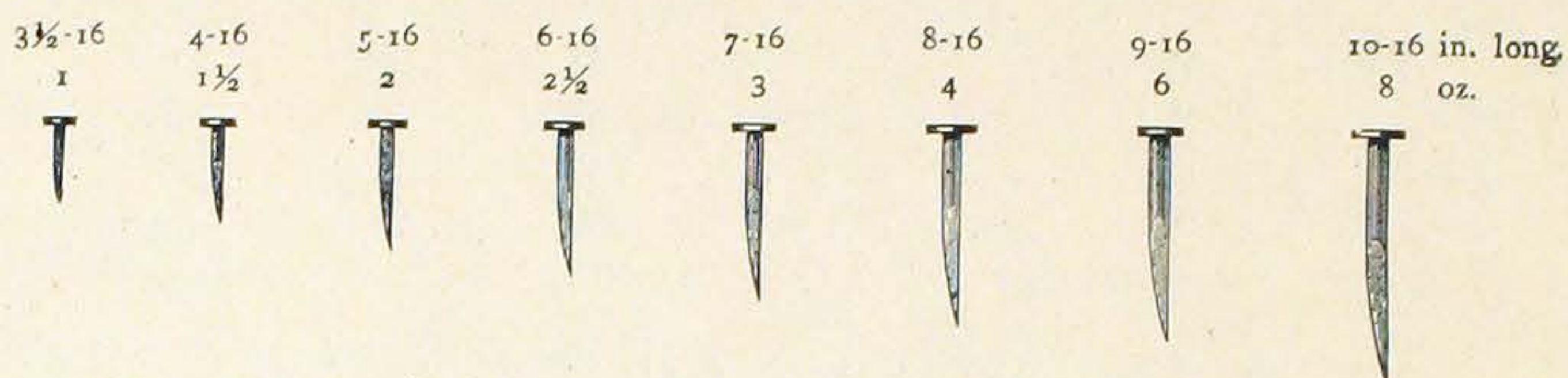
Price per dozen papers.

	4	6	8	10	12	14	16	18	20
Full Weight,	\$1.40	1.70	2.00	2.30	2.70	3.10	3.40	3.80	4.20
Half Weight,	.75	.90	1.05	1.20	1.40	1.60	1.75	1.95	2.15

BASKET, CIGAR BOX AND CHAIR NAILS.

IN ONE POUND PAPERS OR IN BULK.

Inch,	3/8	3/4-8	1/2	4 1/2-8	5/8	5 1/2-8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Per pound,	\$0.51	43	35	31	29	27	25	23	21	20	20	20	20	20
Tinned, per pound,	62	52	44	40	38	35	33	31	29	27	27	27	27	27

GIMP TACKS.**LACE TACKS.****SWEDES IRON.**

PRICE PER DOZEN PAPERS.

Ounce,	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Full Weight,	\$1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.80	2.00	2.20	2.50	2.90	3.30	3.60	4.00	4.50	5.00	5.50
Half Weight,	\$0.55	.60	.65	.70	.75	.80	.85	.95	1.05	1.15	1.30	1.50	1.70	1.85	2.05	2.30	2.55	2.80

TINNED GIMP AND LACE TACKS.**SWEDES IRON.**

PRICE PER DOZEN PAPERS.

Ounce,	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Full Weight,	\$1.30	1.40	1.60	1.90	2.10	2.30	2.50	2.60	2.70	3.00	3.60	4.10	4.70	5.30	6.00	6.60	7.30	8.00
Half Weight,	\$0.70	.75	.85	1.00	1.10	1.20	1.30	1.35	1.40	1.55	1.85	2.10	2.40	2.70	3.05	3.25	3.70	4.05

GIMP AND LACE TACKS.

PLAIN AND TINNED, IN BULK OR POUND PAPERS,

PRICE PER POUND.

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Plain,	\$1.60	1.16	90	80	70	60	44	36	34	32	31	30	30	30	30	30
Tinned,	2.20	1.65	1.40	1.25	1.10	85	60	50	48	46	45	44	44	44	44	44

TACKS BY THE POUND.

IN BULK OR ONE POUND PAPERS.

SWEDES IRON.

Ounce,	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Per pound,	\$1.60	1.25	1.00	80	66	58	52	46	38	33	31	30	29	28	28	28	28	28

TINNED SWEDES IRON.

Ounce,	1	1 1/2	2	2 1/2	3	4	6	8	10	12	14	16	18	20	22	24
Per pound,	\$1.60	1.30	1.15	1.00	85	70	55	47	45	44	43	42	42	42	42	42

The above includes upholsterers', carpet, miners', etc., but not gimp, lace, brush or looking Glass tacks.

COPPER TACKS.

PRICE PER DOZEN PAPERS.

Ounce,	1/2, 3/4 & 1	1 1/2	2	2 1/2	3	4	6	8	10	12	14
Full Weight,	\$1.12	1.30	1.40	1.60	1.80	2.00	2.52	3.36	4.20	5.04	5.88

PRICE PER POUND. IN 1/2 POUND OR 1 POUND PAPERS OR IN BULK.

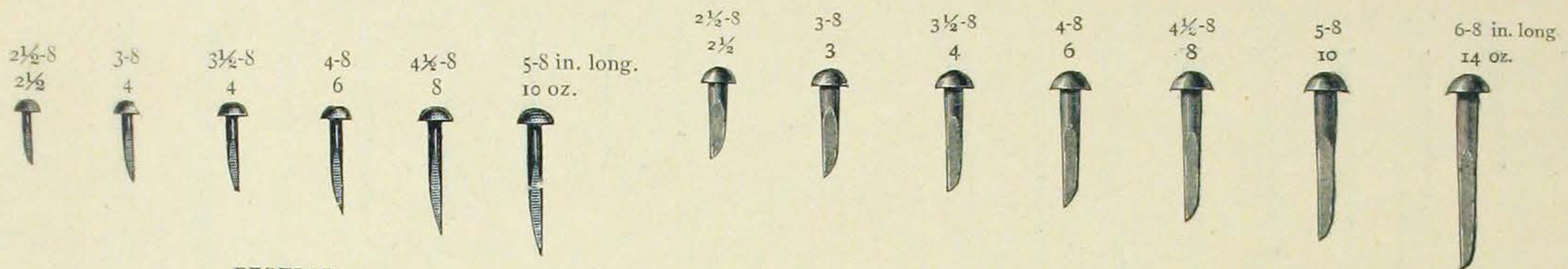
1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	oz. and longer.
\$3.00	2.00	1.50	1.10	90	80	70	60	56	cents per lb

BRASS TACKS.

PRICE PER POUND. IN 1/2 POUND OR 1 POUND PAPERS OR IN BULK.

1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	oz. and longer.
\$3.00	2.00	1.50	1.10	90	80	70	60	56	cents per lb.

HUNGARIAN NAILS.



REGULAR.

STOUT.

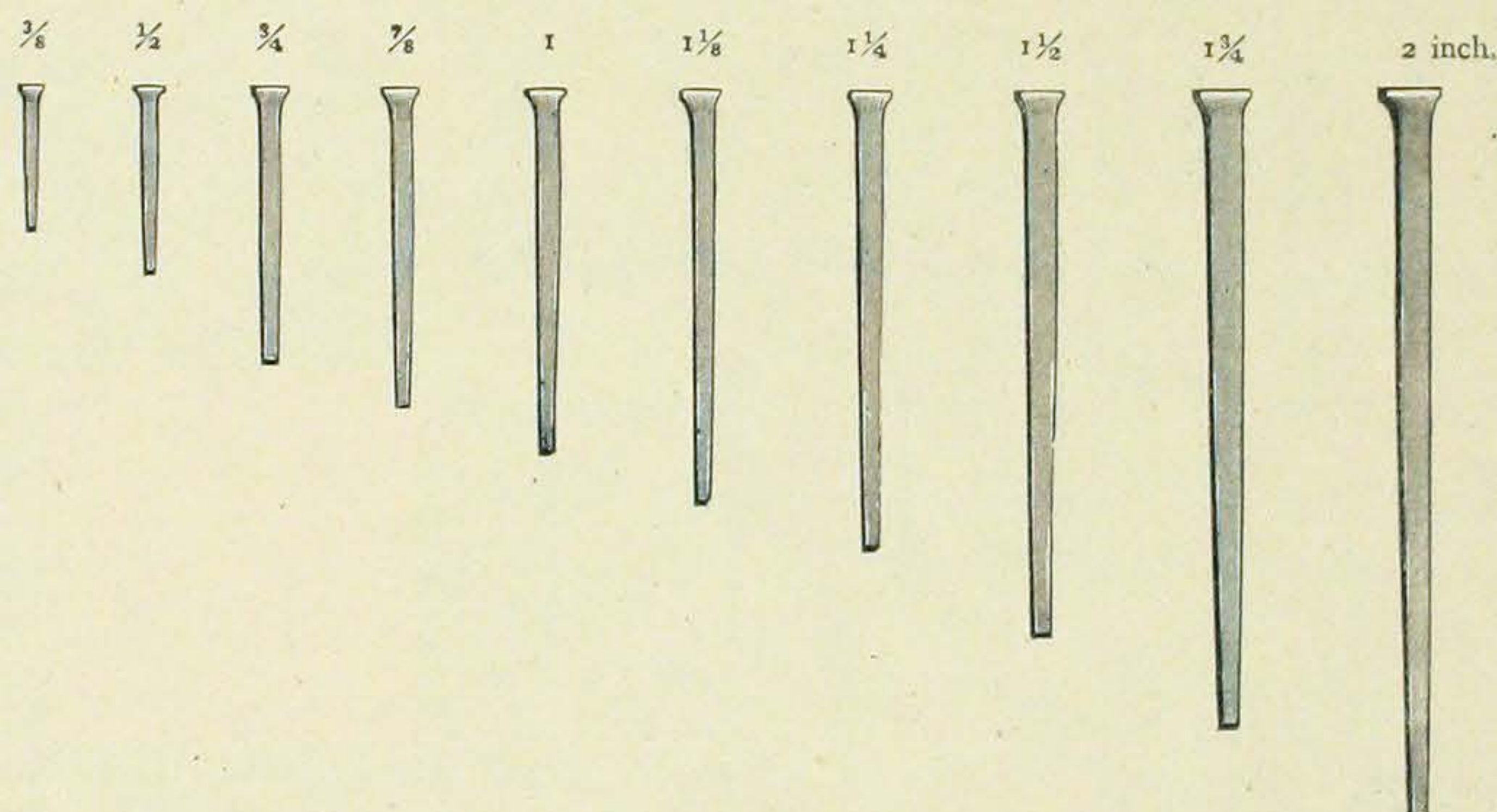
Price per dozen papers.

Ounce,	3	4	6	8	10	12	14	16	18	20
American iron, half weight,	\$0.35	45	55	65	75	90	1.00	1.10	1.20	1.30

Price per pound.

Inch long,	2-8	2 1/2-8	3-8	3 1/2-8	4-8	4 1/2-8	5-8	5 1/2-8	6-8	7-8	1
Hungarian nails, in lb. papers or bulk, Am. iron,	\$0.26	26	22	22	20	20	20	20	20	20	20
" " in 1-2 lb. papers, "	27	27	23	23	21	21	21	21	21	21	21
" " in 1-4 " " "	28	28	24	24	22	22	22	22	22	22	22
" " in lb. papers or bulk, Swedes iron,	31	31	27	27	25	25	25	25	25	25	25

FINISHING NAILS.

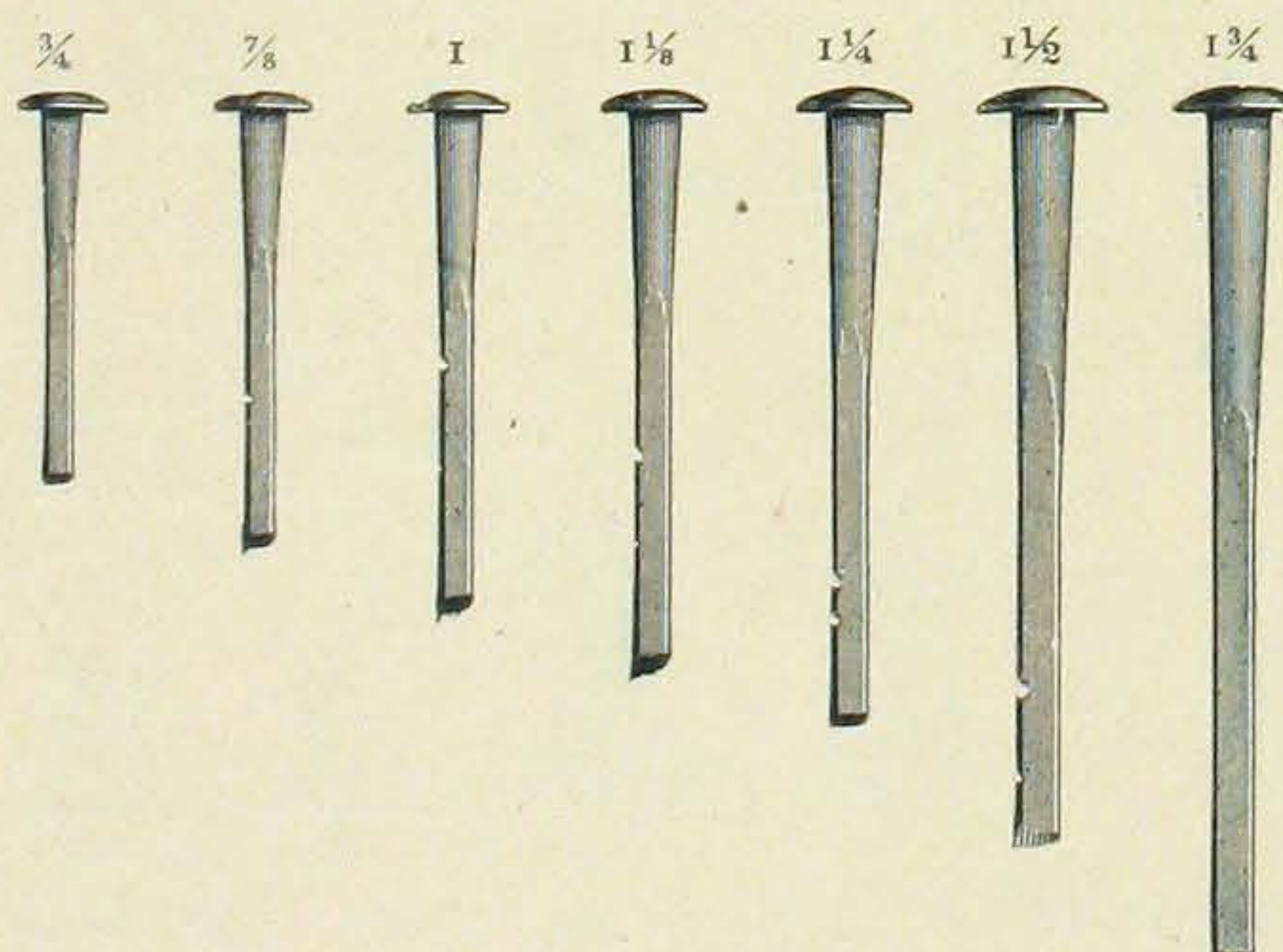


In pound papers or in bulk. Price per pound.

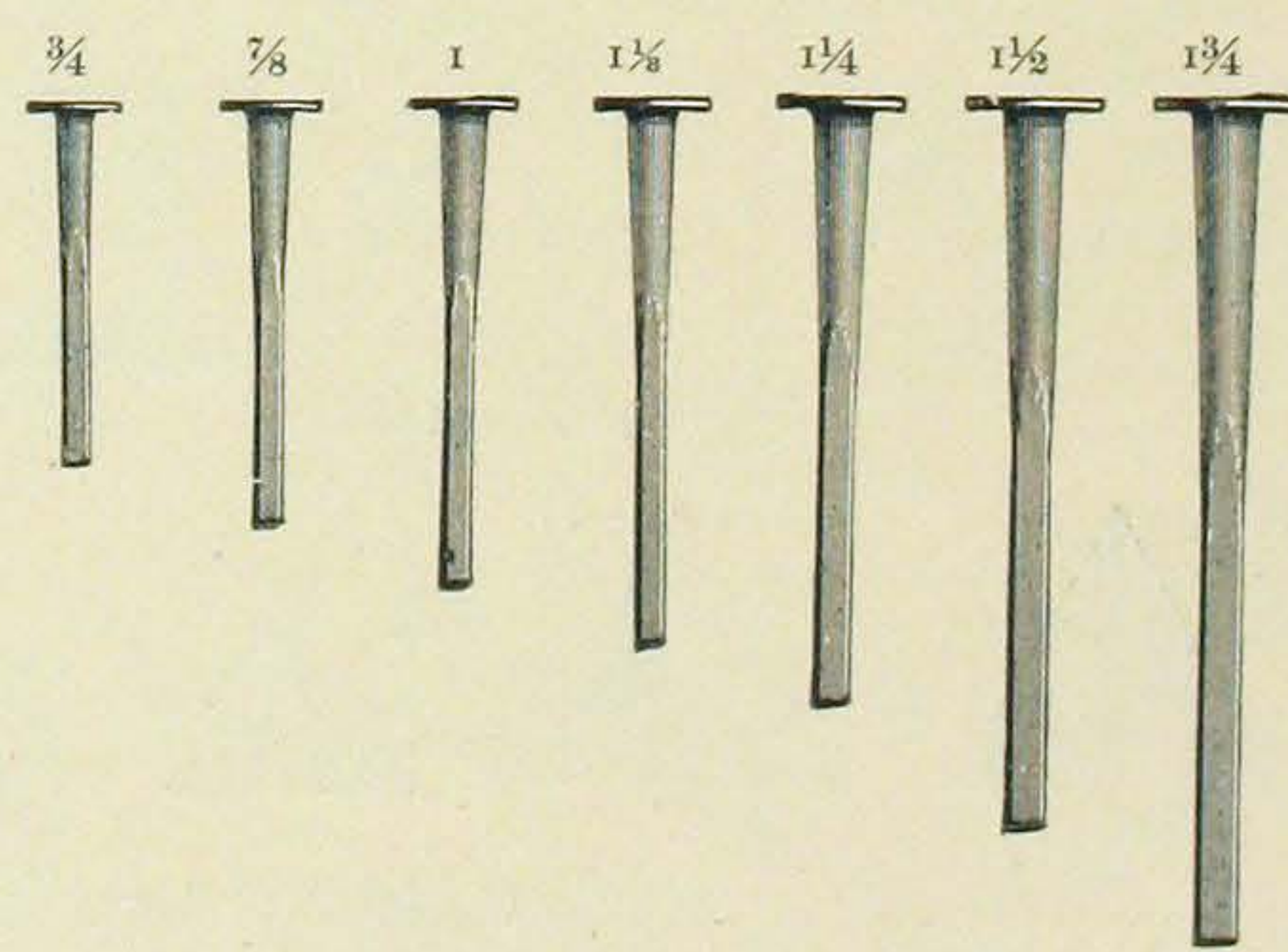
Inch,	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Iron,	\$0.48	32	26	22	20	19	19	19	19	19	19	19	19
Copper and brass,	78	68	64	62	60	58	58	56	56	56	56	56	56

One pound in a paper.

TRUNK NAILS.



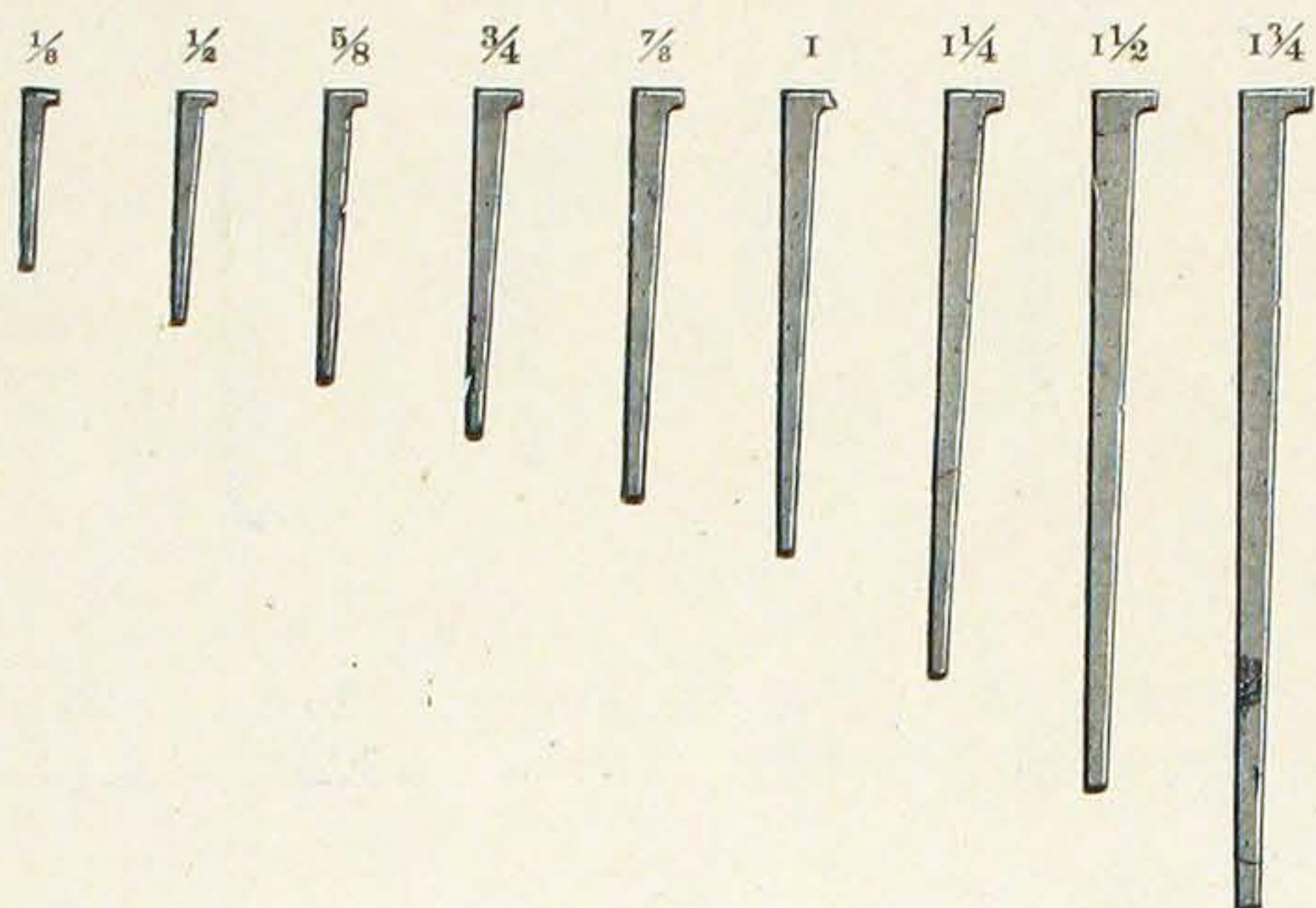
CLOUT NAILS.



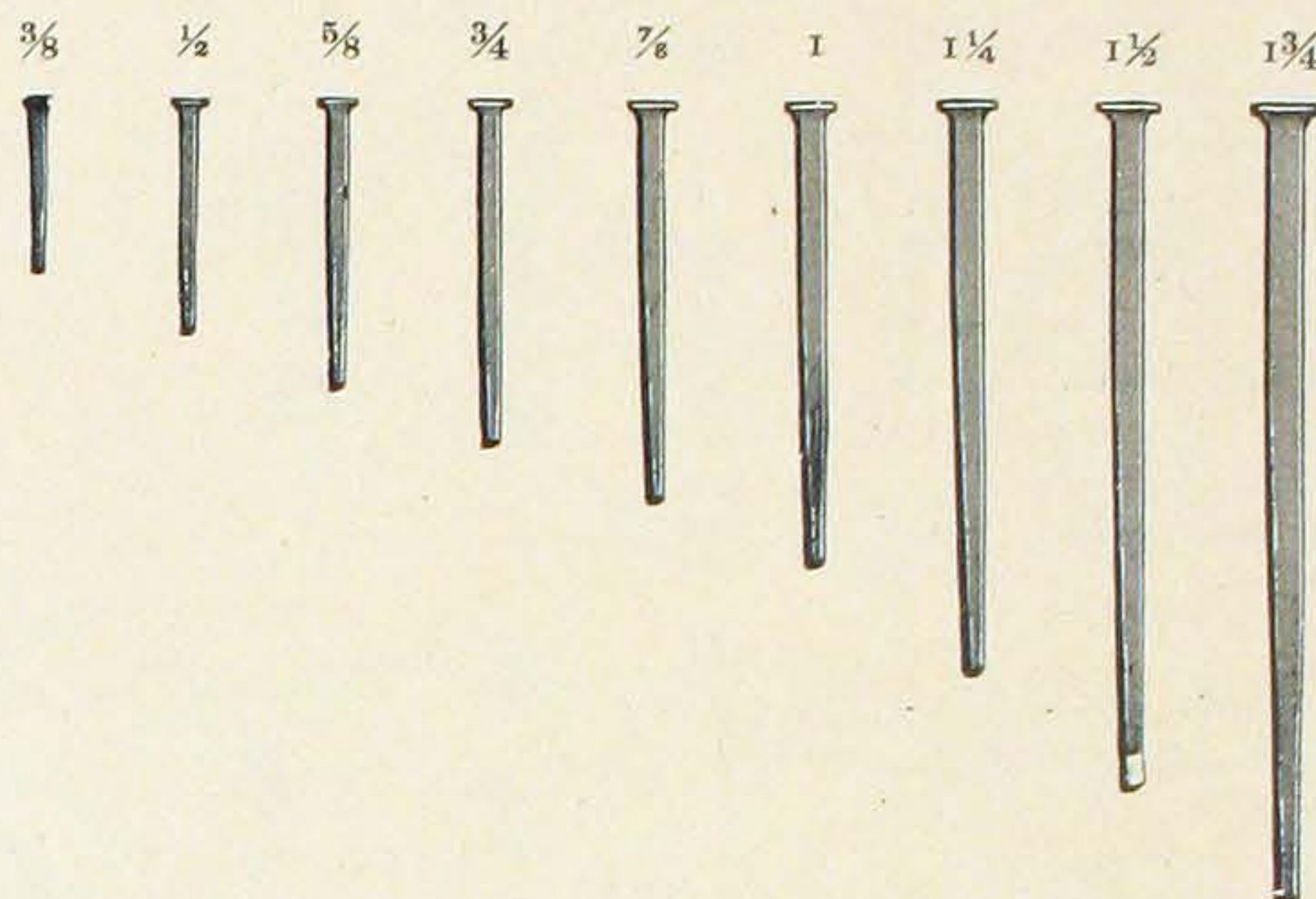
In pound papers or in bulk. Price per pound.

Inch,	3-8	3 1/2-8	4-8	4 1/2-8	5-8	5 1/2-8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2
Iron,	\$0.48	40	32	28	26	24	22	20	19	19	19	19	19	19	19	19
Tinned,	60	50	42	38	36	33	31	29	27	27	27	27	27	27	27	27
Copper and brass,	60		56		56		56	56	56	56	56	56	56	56	56	56
Tin cap'd trunk nails,							35	30	27	27	27	27	27	27		

COMMON BRADS.



PATENT BRADS.



Common and Patent Brads.

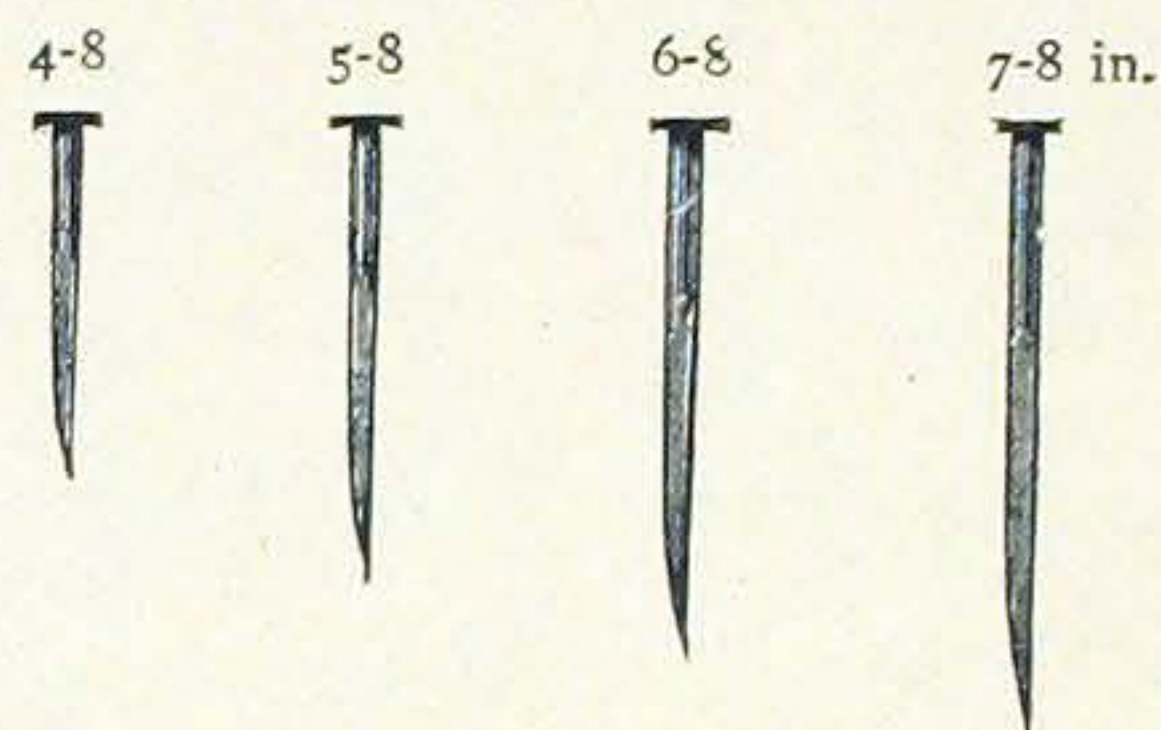
Inch,	2-8	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
Full weight, per dozen papers,	\$1.00	1.20	1.30	1.44	1.60	1.80	2.00	2.24	2.52	3.64	4.50	4.86
Half " " " "	50	60	65	72	80	90	1.00	1.12	1.26	1.82	2.25	2.43
1 lb. papers or bulk, per lb.,	1.25	80	58	48	36	30	26	25	24	22	20	18

12 papers in a package.

BRUSH TACKS.

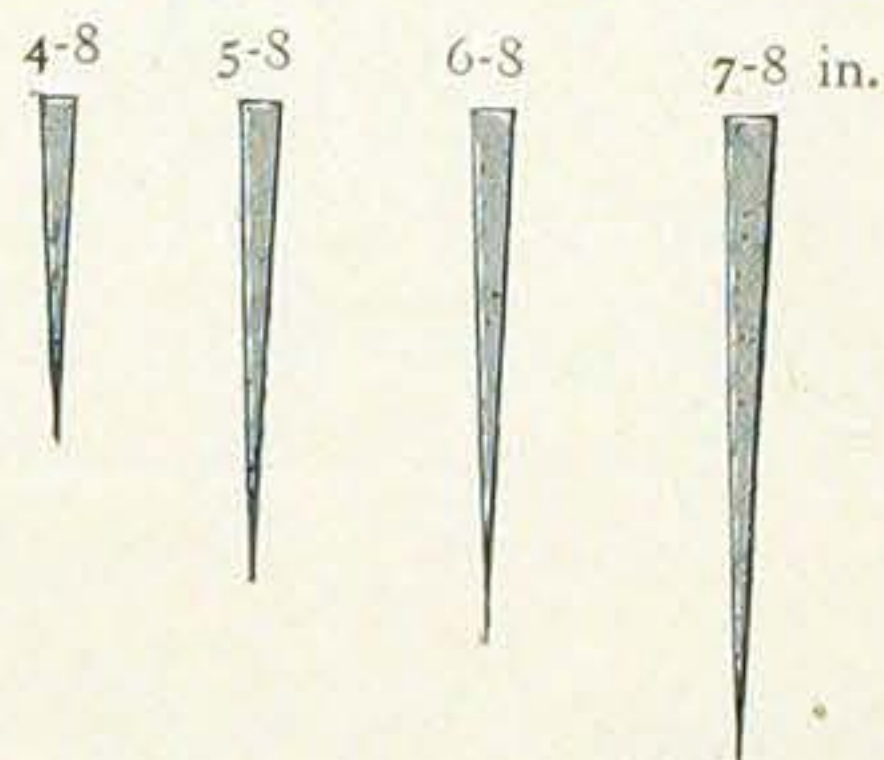
Inch,	4-8	4 1/2-8	5/8	5 1/2-8	3/4	7/8	1	1 1/8	1 1/4
In pound papers or bulk, per lb.,	\$0.70	60	50	42	36	30	26	24	24
Full weight, per doz.,	2.10	2.16	2.16	2.16	2.16	2.24	2.34	2.50	..

LOOKING-GLASS TACKS.



Inch,	1/2	5/8	3/4	7/8	1
Full weight, per dozen papers,	\$0.76	80	96	1.10	1 50
One pound papers or in bulk, per pound,	40	36	32	28	24

PICTURE-FRAME POINTS.

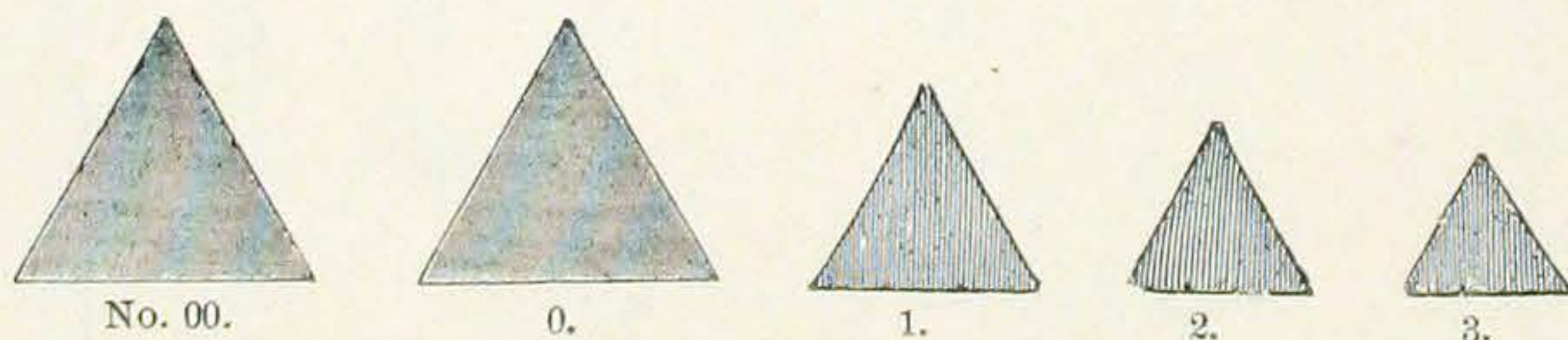


One pound papers or bulk.

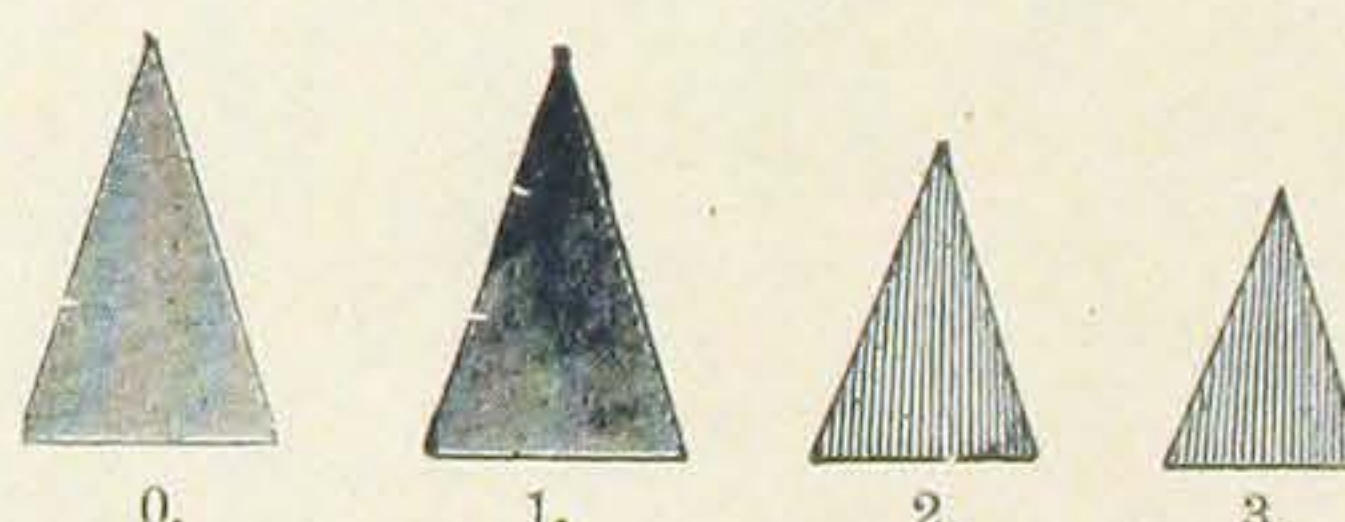
4-8	5/8	3/4	7/8	1 inch.
32	28	24	22	20

GLAZIERS' POINTS.

Triangle.



Sharps.



Zinc, per paper, 11c.
Half pound in a paper.

Any of the foregoing kinds tinned or coppered, not specified, fifteen cents per pound advance.

If any of foregoing are furnished of different weights from those specified, the prices will be in proportion to above lists.

For half pound papers where prices are not given, add 1 cent per pound to list.

For one-quarter pound papers, add 2 cents per pound to list.

JUNE, 1891.

Iron shoe nails, 4-8 in. No. 16 and larger,	5	cts. per lb.
" " 3-8 and 3½-8 in.	5¾	" "
S. S. shoe nails, bright, 4-8 No. 16 and larger,	5¼	" "
Best Swedes and Russia iron Nails, 4-8 in. No. 16 and larger,	7½	" "
Zinc shoe nails, 4-8 in. and longer,	11½	" "
" " 3½-8 in. and shorter,	12½	" "
Zinc shank nails, 4-8 in. No. 16 and larger,	13	" "

Diamond head zinc nails,	2-8 and 2½-8 in.	3 8 in.	3½-8 in. and longer.
Copper shoe nails,	25	21	17 cts. per lb.
Brass shoe nails,			30 " "
Copper gimp nails,			26 " "
Brass gimp nails,			38 " "
Copper shank nails,			32 " "

American iron Hungarian nails, guage 12	and 13,			2-8 and 2½-8 in.	3-8 in.	3½-8 in. and longer.
" " " " "	13½ and 15,			10	7	6 cts. per lb.
Swedes, " " " "	" " "			10	8	7 " "
" " " " "	12 and 13,			12	10	9 " "
Swedes fancy head Hungarian nails,					9	8 " "
Tinned Swedes fancy head Hungarian nails,				18	16	15 " "
Oval head shank nails or tacks,				21	19	18 " "
Hob nails, Swedes iron, all sizes,				20	14	9 " "
" " American iron, all sizes,				8 cts. per pound, in lb. or ½ lb. papers.		
				6¼	"	" "

	2-8 and 2½-8 in.	3-8 and 3½-8 in.	4-8 in. and longer.
Steel shoe nails,	10	9	8 cts. per pound, in lb. or ½ lb. papers.

Steel shoe nails,	4-8 in. and shorter.	5-8 in.	6 8 in. and longer.
	13	15	17 cts. per M.

	2½-8 in.	3-8 in.	3½-8 in.	4-8 in.	4½-8 in.	5-8 in. and longer.
Channel nails,	17	15	13	11	10	9 cts. per lb.

		1-2 oz.	3-4 oz.	1 oz.	1¼ oz.	1½ oz.	2 oz.	2½ oz.	3 oz.	4 oz.	5 cts. per lb.
Swedes iron shoe tacks,	per M.	3	3	3	3	3	3	3	3½	4	cts. per M.
" " "	" lb.	32	25	20	18	16	14½	12½	11½	11½	" " lb.
Shoe tacks,	" "	35	25	20	16	14½	12½	11	10	10	" " "

	3-8 in.	3½ 8 in.	4-8 in. and longer.
Miners' tacks, Swedes iron,	10	9	8½ cts. per lb.

	3-8 in.	3½-8 in.	8½ cts. per lb.
Miners' tacks, American iron,	9	8	7½ cts. per lb.

Rubber sole nails,	3 8 in.	3 1/2-8 in.	4-8 and 4 1/2-8 in.	5 8 in. and longer.
Sole tacks,	16	14	10	8

Countersunk Swedes shoe nails,	16	14	10	9 cts. per lb
Checkered head countersunk nails,				All sizes, 14 cts. per lb.

Fancy head patent corrugated countersunk Swedes last nails.	2-8 and 2½-8 in.	3-8 and 3½-8 in.	4-8 in. and longer.
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C. S. corrugated brass nails or flat head improved brass nails,	30	26	25 cts. per lb.
Concave and countersunk head copper nails, all sizes,			30 " "

	2½-8 in.	3-8 in.	3½-8 in.	4-8 in.	4½-8 in.	5-8 in.	5½-8 in.	6-8 in. and longer.
Iron gimn nails	46	32	20	24	22	20	19	18 cts. per lb.

iron gimps nails,	46	52	29	24	22	20	19	18 cts. per lb.
Swedes slivers, pounds, all sizes, at								10 " "
Brass channel nails, at								25 " "

Brass channel nails, at	25		
Iron screw head nails, plain shanks, at	18	"	"
" " " corrugated shanks, at	20	"	"

corrugated shanks, at						5 cts. per paper (75 nails).
"	"	"	"	"	"	"
		4.8 in.	5.8 in.	6.8 in.	7.8 in.	8.8 in. long

	4-8 in.	5-8 in.	6-8 in.	7-8 in.	8-8 in. long.
Iron countersunk nails,	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4 cts. per paper (75 nails).
Do. " "	6	10	11	12	12 " " (120 nails)

Round screw head nails,	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471																																																																																																																																																																																																																								
“ “ “ tinned,	11	12	13	15	16	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“

Brass screw head nails, plain shanks, at	40 cts. per lb.
“ “ corrugated shanks, at	42 “ “
	11 cts. per paper (75 nails)

“ “ “ “ 11 cts. per paper (15 nails)

For 17 gauge headless shoe nails, 4-8 in. and longer (all kinds except zinc), add $\frac{1}{4}$ cent per pound to list.
 For S. S. Swedes or Russia iron shoe nails, 3-8 and $3\frac{1}{2}$ -8 in. No. 16 gauge or heavier, add $\frac{1}{2}$ cent per pound to list.
 " " " " " " " " 17 " add $\frac{3}{4}$ cent per pound to list.
 For iron Swedes or steel nails, all kinds, when put in $\frac{1}{4}$ lb. papers, add $\frac{1}{2}$ cent per pound to list.
 For 17 gauge zinc shank nails, add 1 cent per pound to list.
 For 3-8 and $3\frac{1}{2}$ -8 zinc shank nails, add 1 cent per pound to list.
 Any of the above kinds, tinned or copper plated, price not specified, $3\frac{1}{2}$ cents per pound advance on above prices.
 Strapping boxes, 10 cents each.

LINING AND SADDLE NAILS,

ADOPTED DECEMBER 22, 1885.

To take effect January 1, 1886.

Confirmed May, 1891.

Oval-head Lining Nails. 2 P. W.

Silver or japanned, 2½ to 12 oz.	75 to paper,	6 cts.
" " 14 " 24 "	75 "	7 "
" " 2½ " 12 "	100 "	8 "
" " 14 " 24 "	100 "	9 "
Brass lining nails, 4 " 16 "	100 "	12 "
Extra japanned lining nails, in gross boxes,		12 "
" plated metal " " "		30 "

Saddle Nails.

No. 1, Flat or oval, silver or japanned,	3 to 12 oz.	100 to paper,	9 cts.
" 1, " " " "	14 " 24 "	100 "	10 "
" 1, " " " "	3 " 16 "	75 "	8 "
" 2, " " " "	8 " 24 "	100 "	12 "
" 2, " " " "	8 " 24 "	75 "	10 "
" 3, " " " "	12 oz. to 1½ inch,	100 to paper,	15 "
" 3, " " " "	12 " " 1½ "	75 "	12 "
" 4, " " " "	16 " " 1¼ "	100 "	16 "
" 4, " " " "	16 " " 1¼ "	75 "	12 "
" 5, " " " "	16 " " 1¼ "	100 "	18 "
" 5, " " " "	16 " " 1¼ "	75 "	14 "
" 6, " " " "	16 " " 1¼ "	100 "	20 "
" 6, " " " "	16 " " 1¼ "	75 "	16 "
" 2, Brass saddle,	6 to 16 oz.	100 to paper,	20 "
" 2, Trimming nails, 6 " 16 "	100 "		12 "

Band Nails.

Extra plated metal band nails, in gross boxes	30 cts.
" japanned " " "	15 "

Coffin Lining Nails. 3 P. W.

Flat or oval, silver or japanned, 2½ and 4 oz.	100 to paper,	10 cts.
" " " " 2½ " 4 "	75 "	8 "
Flat extra plated metal, { in boxes,	100 "	20 "
" { in papers,	100 "	19 "
Oval " " " { in boxes,	100 "	20 "
" { in papers,	100 "	19 "

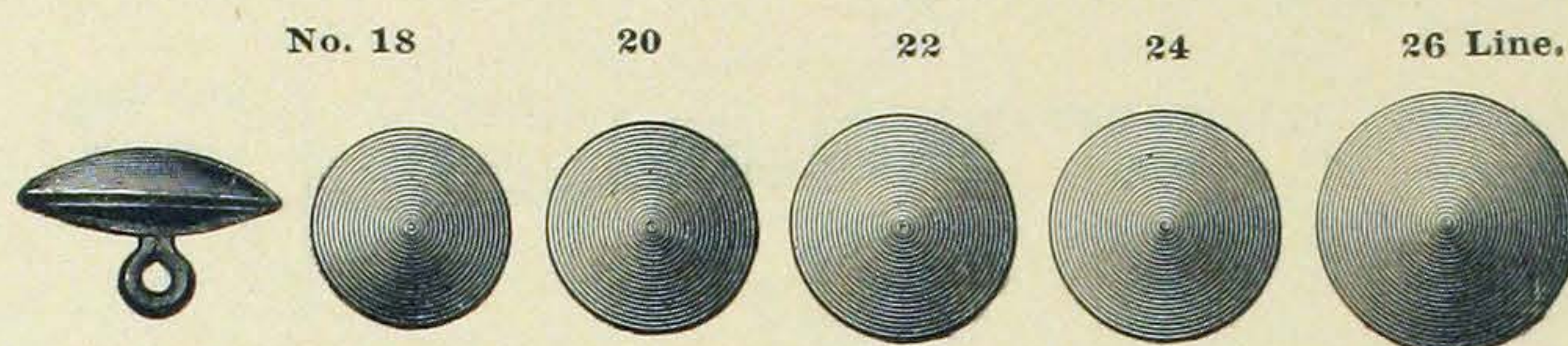
Tufting Nails.

No. 3, Silver or japanned,	8 to 24 oz.	100 to paper,	15 cts.
" 3, " " " "	7 " 1¼ in.	100 "	16 "
" 4, " " " "	20 oz. " 1¼ "	100 "	17 "
" 5, " " " "	20 " " 1¼ "	100 "	18 "
" 6, " " " "	20 " " 1¼ "	100 "	20 "

Colors on tufting nails to match sample, extra on above prices.

List Discounts on above, viz., Japanned, 20 per cent, Silver, Brass, etc., 30 per cent. TERMS CASH.

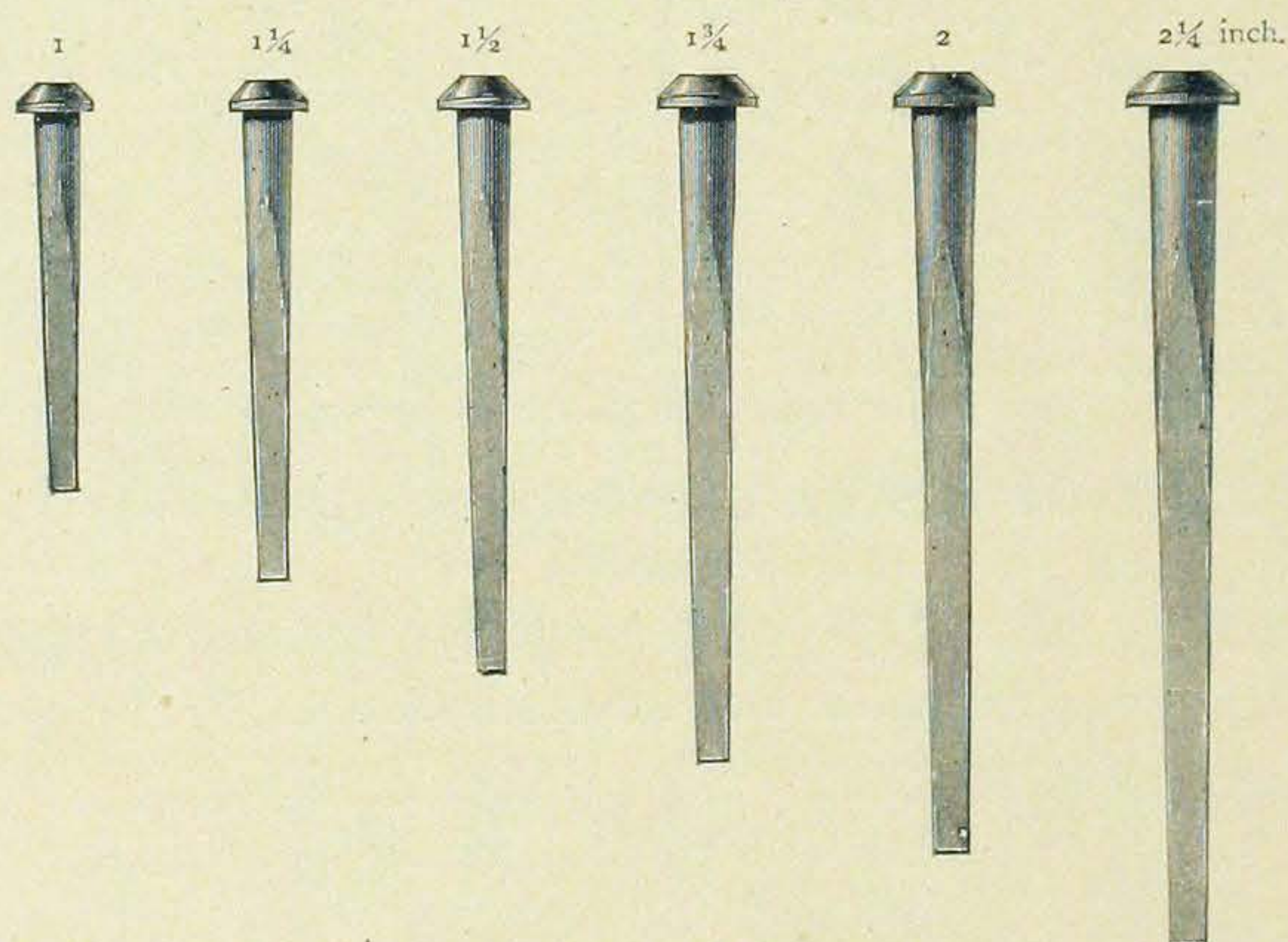
Japanned Tufting Buttons.



Japanned, 18, 20 and 22 line,	per great gross, \$2.50
" 24 line,	" " 3.25
" 26 and 27 line,	" " 4.50
Colors, all sizes,	" " 4.50

(Put up 1728 to package).

Boat Nails.



Regular Point.

Size,	2 $\frac{1}{4}$ and longer	2 and 1 $\frac{3}{4}$	1 $\frac{1}{2}$ and 1 $\frac{1}{4}$	1 $\frac{1}{8}$ and 1	$\frac{7}{8}$	$\frac{3}{4}$ in.
Plain Black,	8 $\frac{1}{2}$	9	9	10	12	15 cts.
Galvanized,	11 $\frac{1}{2}$	12	12	13	15	18 "

Chisel Point.

Size,	3 $\frac{3}{4}$ and 4	3 $\frac{1}{4}$ and 3 $\frac{1}{2}$	2 to 3	1 $\frac{1}{2}$ and 1 $\frac{3}{4}$	1 $\frac{1}{8}$ and 1 $\frac{1}{4}$	1	$\frac{7}{8}$	$\frac{3}{4}$ in.
Plain Black,	10 $\frac{1}{2}$	11	12	13	14	15	17	20 cts.
Galvanized,	13 $\frac{1}{2}$	14	15	16	17	18	20	23 "

CONTENTS OF FULL CASES TACKS.

ALL KINDS EXCEPT

LEATHERED CARPET TACKS AND STEEL CARPET TACKS.

NOV. 1887.	Straight Wgts. Dozens.			Star Wgts. Dozens.			Standard Wgts. Dozens.			Sp'cl Wts. Dozens.		NOV. 1887.	Straight Wgts. Dozens.			Star Wgts. Dozens.			Standard Wgts. Dozens.			Sp'cl Wts. Dozen.	
Sizes.	* Full	* 1/2	* 1/4	** Full	** 1/2	** 1/4	*** Full	*** 1/2	*** 1/4	**** 1/2	**** 1/4	Sizes.	* Full	* 1/2	* 1/4	** Full	** 1/2	** 1/4	*** Full	*** 1/2	*** 1/4	**** 1/2	**** 1/4
1 oz.	150	280		160	325		160	325				10 oz.	15	40	80	15	40	80	18	45	100	60	125
1 1/2 "	100	200		100	225		100	225				12 "	14	25	60	14	25	60	14	40	100	45	125
2 "	75	150		90	175		90	175				14 "	12	24	50	12	24	50	12	30	80		
2 1/2 "	60	130		60	130		60	130				16 "	10	18	40	10	20	40	12	25	70		
3 "	50	100	200	50	100	200	50	100	300			18 "	10	16	35	10	18	35	12	25			
4 "	40	72	175	40	72	175	40	80	200			20 "	8	15	35	8	18	35	10	20			
6 "	25	50	100	25	50	100	25	70	150	100	150	22 "	7	14		7	14		10	20			
8 "	20	50	100	20	50	100	25	50	125	75	150	24 "	7	14		7	14		10	20			

UNIFORM WEIGHTS. STEEL CARPET TACKS.

A Uniform, all classes.

Double Uniform, (2A) all classes,

100 dozen in a case

50 " "

LEATHERED CARPET TACKS.

Full and short count, all classes,

52 " "

HUNGARIAN NAILS.

3 lb., dozens, all classes,

40 " "

2, 2 1/4 and 2 1/2 lb. dozens, all classes,

50 " "

1/2 wgt. dozens, 8 oz. and smaller, all classes,

50 " "

" " 10 " "

40 " "

COMMON AND PATENT BRADS.

		Straight Wts. Dozens.		Star Wts. Dozens.		Standard Wts. Dozens.				Straight Wts. Dozen.		Star Wts. Dozens.		Standard Wts. Dozens.	
		* Full	* 1/2	** Full	** 1/2	*** Full	*** 1/2			* Full	* 1/2	** Full	** 1/2	*** Full	*** 1/2
1/2 inch	3 ounce.	50	100	50	100	50	100	1 1/8 inch.	12 ounce.	15	30	14	25	14	40
5/8 "	4 "	40	75	40	75	40	80	1 1/4 "	14 "	12	20	12	24	12	30
3/4 "	6 "	25	50	25	50	25	70	1 1/2 "	22 "	7	14	7	14	10	20
7/8 "	8 "	20	50	20	50	25	50	1 3/4 "	30 "	5	10	5	10	7	15
1 "	10 "	15	40	15	40	18	45	2 "	36 "	5	10	5	10	7	15

Goods packed in pound and half-pound paper boxes, 100 pounds in a case. Put up in bulk in 25 and 50 pound cases, or 100 pound kegs.

PRICE LIST OF STEEL SHANKS, Adopted July 1, 1891.

CUSTOM.

Length, Nos.	4 1/4	4 1/2	4 3/4	5	5 1/4	inch,	
	0	1	2	3	4		\$2.75 per gross pairs.

PATENT RIGHT AND LEFT.

Nos.	6	5	4	3	2	1	
5/8 inch wide, Length,	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	inch,
4/8 " " "	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	"
3/8 " " "	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	"
5/16 inch and less, Women's, Length,	Nos. 1	2	4 1/2	inch,			.70
5/16 " " Misses', Length,	Nos. 1	2	4	"			.65

STRAIGHT.

Nos.	0	1	2	3	4	
5/8 inch wide, Men's Length,	4	4 1/4	4 1/2	4 3/4	5	inch.
9/16 " " "	4	4 1/4	4 1/2	4 3/4	5	"
7/8 " " "	4	4 1/4	4 1/2	4 3/4	5	"
3/8 " " "	4	4 1/4	4 1/2	4 3/4	5	"
5/16 inch wide, Women's Length,	Nos. 1	2	4 1/2	inch.		.65
5/16 " " Misses' Length,	Nos. 1	2	4	"		.60
5/16 " " Children's Length,	Nos. 1	2	3 1/2	"		.55
5/16 " " " Length,	Nos. 000	00	0	inch,		.50

Spanish Arch or any not reversible Shanks, add 10 cents per gross to above list.

PATENT IMPROVED BLIND HEEL NAIL, or PATENT COLLAR SHOE NAIL.

Patented Feb. 16, 1875, Dec. 14, 1875. All lengths, sizes and styles made to suit.

Size,	4-8 and 4 1/2-8	5-8 and 5 1/2-8	6-8 and 6 1/2-8	7-8 and 7 1/2-8	8-8 and longer.
Price.	16	13	12	11 1/2	11 cents per lb. Swedes Iron.

STEEL AND IRON WIRE NAILS.

For 1, 5 and 10 pound packages. Adopted July 15, 1889.

WIRE GAUGE.

Inches.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
$\frac{1}{4}$														60	80	90
$\frac{3}{8}$													45	50	60	70
$\frac{1}{2}$									40	40	40	40	40	45	50	
$\frac{5}{8}$							33	33	33	33	33	33	35	40	45	
$\frac{3}{4}$					28	28	28	28	28	28	30	32	32	35		
$\frac{7}{8}$			26	26	26	26	26	26	26	27	27	30	30			
1		24	24	24	24	24	24	24	24	24	26	27	28			
$1\frac{1}{8}$		24	24	24	24	24	24	24	24	24	26	27	28			
$1\frac{1}{4}$	21	21	21	21	21	21	21	21	22	23	24	25				
$1\frac{3}{8}$	21	21	21	21	21	21	21	21	22	23	24	25				
$1\frac{1}{2}$	20	20	20	20	20	20	20	20	22	23	24	25				
$1\frac{3}{4}$	19	19	19	19	19	19	19	20	22	23						
2	18	18	18	18	18	18	19	20	22							
$2\frac{1}{4}$	18	18	18	18	18	18	19	20	22							
$2\frac{1}{2}$	17	17	17	17	18	18	19	20								
$2\frac{3}{4}$	17	17	17	17	18	18	19	20								
3	16	16	16	17	18	18	20									
$3\frac{1}{4}$	16	16	16	17	18	18	20									
$3\frac{1}{2}$	16	16	16	17	18	18										
4	16	16	16	17	18	18										

For tinned nails, add 50 per cent. to list prices.

For nails packed in $\frac{1}{2}$ lb. papers, add 2 cents. to list.For nails packed in $\frac{1}{4}$ lb. papers, add 4 cents to list.

Add 1 cent to list, for either barbing, annealing, oval head or special point.

Nails combining several specialties, add 1 cent for each specialty.

Nails in 25 or 50 pounds boxes or 100 pound kegs, deduct 1 cent from list.

Approximate Number of Wire Nails per pound.

Wire Gauge.	3-16	1-4	3-8	1-2	5-8	3-4	7-8	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4
7				299	239	200	171	149	133	120	100	85	75	67	60	54	50	43	37
8				345	275	229	197	172	153	137	115	98	86	76	69	62	57	49	43
9				414	331	276	236	207	184	165	138	118	103	92	82	75	69	59	52
10			663	496	397	333	283	248	220	198	165	142	124	110	99	90	83	71	62
11			837	628	502	418	359	314	279	251	209	179	157	139	125	114	105	90	79
12			1096	822	658	548	469	411	365	329	274	235	204	182	164	149	137	117	103
13			1429	1072	857	714	613	536	476	429	357	306	268	238	214	195	178	153	
14		2840	1893	1420	1136	947	811	710	631	568	473	406	350	315	284	258	236		
15		3504	2336	1752	1402	1168	1001	876	778	701	584	500	438	389	350				
16		4571	3048	2280	1828	1523	1305	1143	1015	913	761	653	571	508					
17		6233	4156	3116	2495	2077	1781	1558	1385	1246	1038	890	779						
18		8276	5517	4138	3310	2758	2364	2069	1839	1655	1379	1182							
19		10668	7112	5334	4267	3556	2933	2667	2370	2133	1778								
20	20000	15000	10000	7500	6000	5000	4400	3750	3333	3000									
21	23702	17777	11850	8888	7111	5926	5079	4444											
22	30476	22856	15237	11428	9143	7618													

These approximate numbers are an AVERAGE only, and the figures given may be varied either way by changes in the dimensions of the head or points. Brads and no head nails will run more to the pound than the table shows, and large or thick nails will run less.

STEEL AND IRON ESCUTCHEON PINS.—In lb. Paper Boxes.

WIRE GAUGE.	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Length in inches.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.
$\frac{3}{16}$														102	122	132
$\frac{1}{4}$									44	47	49	52	62	82	102	112
$\frac{3}{8}$				29	29	32	34	37	40	42	44	47	52	67	87	97
$\frac{1}{2}$				26	26	28	30	33	36	37	39	42	47	57	77	87
$\frac{5}{8}$			24	24	24	26	28	30	32	33	35	37	42	47	62	72
$\frac{3}{4}$		23	23	23	23	24	26	27	28	29	31	33	37	42	57	72
$\frac{7}{8}$		22	22	22	22	23	24	24	25	26	28	30	35	42	57	
1	21	21	21	21	21	22	23	23	24	25	27	29	35	42	57	
1$\frac{1}{8}$	20	20	20	20	20	21	22	23	24	25	27	29	35	42		
1$\frac{1}{4}$	19	19	19	19	19	19	20	21	23	24	26	28	35	42		
1$\frac{1}{2}$	17	17	17	17	17	18	19	20	22	24	26	28	35			
1$\frac{3}{4}$	16	16	16	17	17	17	19	20	22	24	26	28				
2	15	15	15	16	16	17	19	20	22	24	26	28				
2$\frac{1}{4}$	15	15	15	15	15	17	19	20	22	24						
2$\frac{1}{2}$	15	15	15	15	15	17	19	20	22							
2$\frac{3}{4}$	15	15	15	15	15	17	19	20								
3	14	14	14	15	15	17	19									
3$\frac{1}{2}$	14	14	14	15	15	17										
4	14	14	14	15	15											
4$\frac{1}{2}$	14	14	14	14												

Tinned advance on above list.

BRASS ESCUTCHEON PINS.—In lb. Paper Boxes.

WIRE GAUGE.	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Length in inches.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.	c. per lb.
$\frac{3}{16}$								90	95	100	110	120	135	155	175	200
$\frac{1}{4}$								83	85	90	100	110	120	135	155	175
$\frac{3}{8}$				75	76	77	78	80	82	85	92	100	115	125	145	160
$\frac{1}{2}$	68	68	68	73	74	75	76	77	78	82	89	96	110	120	135	145
$\frac{5}{8}$	68	68	68	72	73	74	75	76	77	80	87	94	105	115	130	140
$\frac{3}{4}$	66	66	66	71	72	73	74	75	76	78	85	92	100	110	130	145
$\frac{7}{8}$	66	66	66	70	71	72	73	74	75	76	83	90	100	110	135	
1	64	64	64	69	70	71	72	73	74	75	81	90	103	115	135	
1$\frac{1}{8}$	64	64	64	68	69	70	71	72	73	74	80	90	103	115		
1$\frac{1}{4}$	64	64	64	67	68	69	70	71	72	74	80	92	103	115		
1$\frac{1}{2}$	64	64	64	66	67	68	69	70	72	74	80	92	105			
1$\frac{3}{4}$	64	64	64	65	66	67	69	70	72	74	81	93				
2	62	62	62	65	66	67	69	70	72	75	82	95				
2$\frac{1}{4}$	62	62	62	64	66	66	68	70	74	75						
2$\frac{1}{2}$	62	62	62	64	66	66	68	72	74							
2$\frac{3}{4}$	62	62	62	64	64	66	68	72								
3	62	62	62	64	64	66	68									
3$\frac{1}{2}$	62	62	62	64	64	66										
4	62	62	62	64	64											
4$\frac{1}{2}$	62	62	62	64												

Silver Plated Brass Pins, cents per lb. advance on above list.

DOUBLE POINTED TACKS AND STAPLES.

Double Pointed Tacks.

100 Tacks in a paper or packed to order. 12 papers in a package, 12 packages in a case.

Nos	9	10	11	12	14	16
Blued, Tinned or Coppered,	Price, per dozen, \$1.20	1.20	1.20	1.44	1.80	2.16

Double Pointed Tacks in Bulk.

Nos	9	10	11	12	14	16
Blued or Coppered,	Price, per pound, 36	35	34	33	32	32c
Tinned,	42	41	40	39	38	38c

Steel Spring Staples.

Inside Length,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Made from Flat Coppered Wire, price, per pound,	34	32	30	30	30	30	30c

Bed Spring Staples.

Inside Length,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Made from Round Coppered Wire, Barbed,	Price, per pound, 34	32	32	30	30c

Electricians' Staples.

Made from Flat Wire, Round or Flat Crown.

Inside Length,	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Blued or Coppered,	Price, per pound, 50	40	36	32	30c
Tinned,	56	46	42	38	36c

Clamp Staples.

When ordering, specify width inside first, as below.

Made from Heavy Coppered Wire,	$3 \times \frac{3}{4}$	$2\frac{1}{2} \times \frac{3}{4}$	$2 \times \frac{5}{8}$	$1\frac{3}{4} \times \frac{5}{8}$	$1\frac{1}{2} \times \frac{5}{8}$	$1\frac{1}{4} \times \frac{5}{8}$	$\frac{3}{4} \times \frac{5}{8}$
	Price, per pound, 28 cents.						

Hoop Staples.

When ordering, specify width inside first, as below.

Made from Flat Coppered Wire,	$\frac{3}{8} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{9}{16}$	$\frac{9}{16} \times \frac{9}{16}$
Price, per pound, 30 cents.				
“ “ “	$\frac{1}{2} \times \frac{5}{8}$	$\frac{9}{16} \times \frac{5}{8}$	$\frac{5}{8} \times \frac{5}{8}$	$\frac{1}{2} \times \frac{3}{4}$
Price, per pound, 28 cents.				

Poultry Netting Staples.

Made from Galvanized Wire. Barbed.

Inside length,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	33 $\frac{1}{2}$ cents.
Price per pound,						
Coppered wire,	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	30 cents.
Price per pound,						
Tube Staples, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$,						\$0.35
Broom " $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$,						.32
Pail " coppered wire, $\frac{1}{4} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{5}{16}$,						.40
Pail " copper, $\frac{1}{4} \times \frac{1}{4}$, $\frac{1}{4} \times \frac{5}{16}$,						1.60
Light Clamp Staples, $1 \times \frac{3}{8}$, $1 \times \frac{1}{2}$, $1\frac{1}{8} \times \frac{1}{2}$,						.30
Steel Clinch " $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$,						.28
Rattan and Willow Staples,						.50
Butter and Tobacco Tub Staples,						.28
Straw Matting Tacks, best steel,						.50
Shade Tacks,						

Norway Iron Staples of all sizes.

Mattress, Blind, Basket Staples, Basket Hooks, Round and Flat Wire Staples, all sizes.

Goods retinned, add 12 cents per pound to list.

Goods in pound papers, add 25 cents extra, net, per 100 pounds.

Goods in 25 pound boxes, add 15 cents extra, net, per 100 pounds.

Goods in 10 pound boxes, add 20 cents extra, net, per 100 pounds.

Strapping Boxes, 10 cents extra.

Write for prices on special sizes to order.

Improved Cub Nails.

Brass, any size,	per pound, 40 cents.
Iron, " "	17 "

Shoe Eyelets.

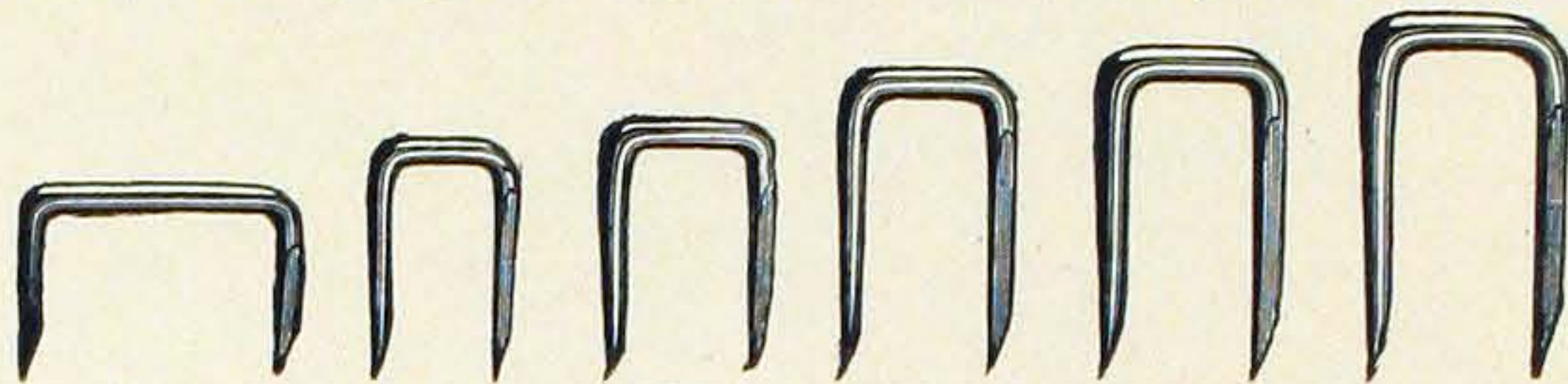
Black, Silvered and Gilt.

	per million, \$60.00
Best B. long Eyelets, bulk,	" 63.00
" " 10 M. boxes,	" 72.00
" " 1 M. " "	" 58.00
A. B. 14, in bulk,	" 58.00
B. " "	" 65.00
Extra B. long,	

AGENTS FOR
DOUBLE POINTED TACK COMPANY.

Double-Pointed Steel Tacks.

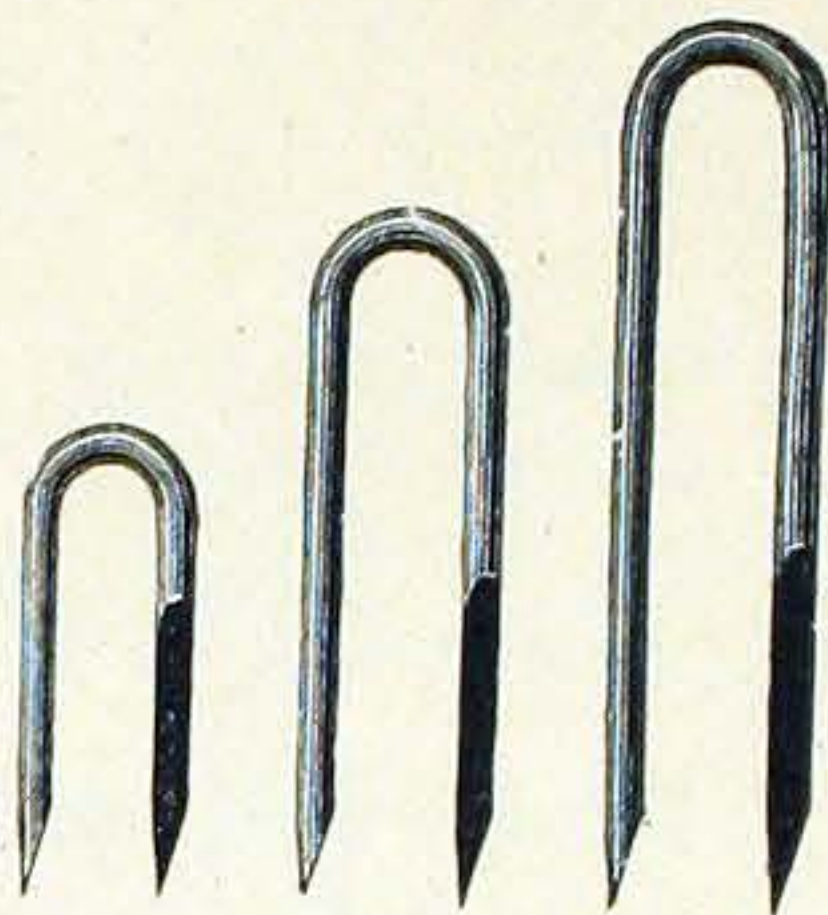
Are put up in cases containing twelve packages, each package containing twelve boxes.



	No. 3.	9.	10.	11.	12.	14.	
No. 9, Blued,	per box, 10 cents;						per case, \$14.40
" 9, Tinned,	" 10	"	"	"	"	"	14 40
" 10, Blued,	" 10	"	"	"	"	"	14 40
" 10, Tinned,	" 10	"	"	"	"	"	14.40
" 11, Blued,	" 10	"	"	"	"	"	14.40
" 11, Tinned,	" 10	"	"	"	"	"	14.40
No. 12, Blued,							per box, 12 cents; per case, \$17.28
" 12, Tinned,						" 12	" 17.28
" 14, Blued,						" 15	" 21.60
" 14, Tinned,						" 15	" 21.60
" 3, Shade, coppered,						" 15	" 21.60

Steel Spring Staples.

Blued.



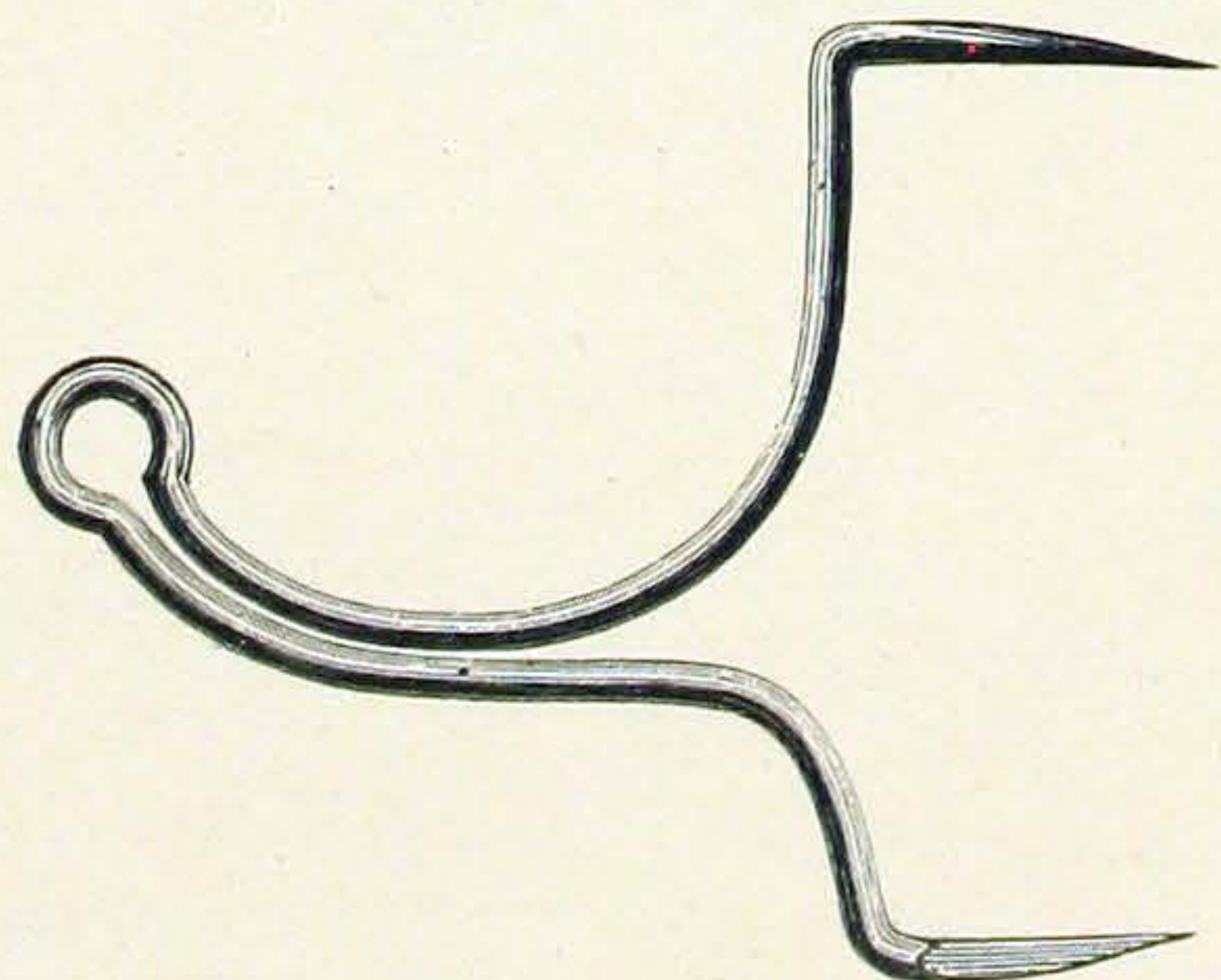
Bulk per pound,	1/2	5/8	3/4	7/8	1	1 1/4 inch.
Pound boxes,	30	30	30	30	30	30 cents.
	33	33	33	33	33	33 "

Clinch Staples.

With copper finish, are made from the best Swedes stock. Will drive and clinch well.

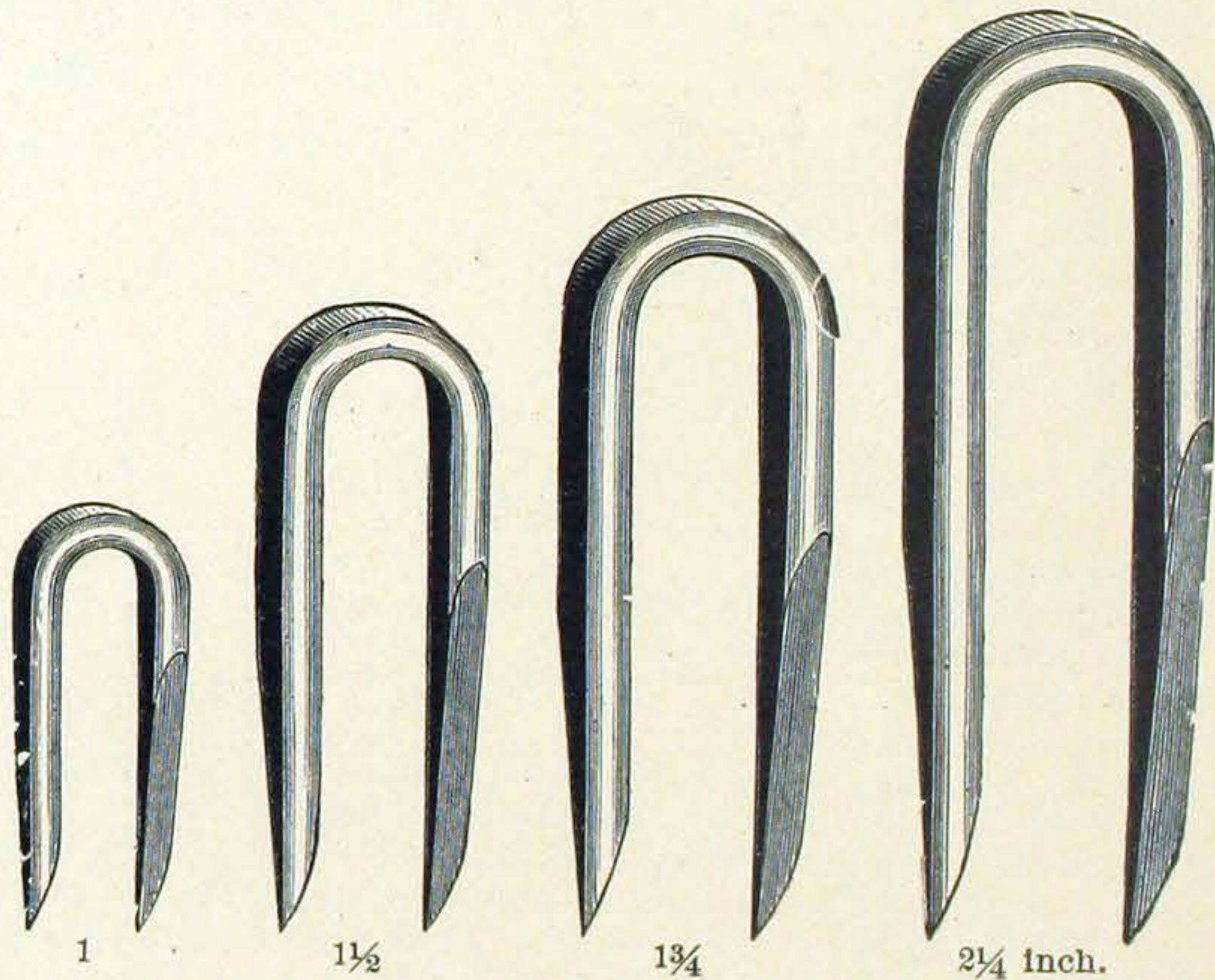
In bulk, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches,	per pound 22 1/2 cts.
In pound boxes, 1, 1 1/4, 1 1/2, 1 3/4 and 2 inches,	" 25 "
In bulk, 2 1/4, 2 1/2, 2 3/4, 3 and 3 1/4 inches,	" 18 "
In pound boxes, 2 1/4, 2 1/2, 2 3/4, 3 and 3 1/4 inches,	" 20 "

Cole's Patent Hat and Coat Hooks.

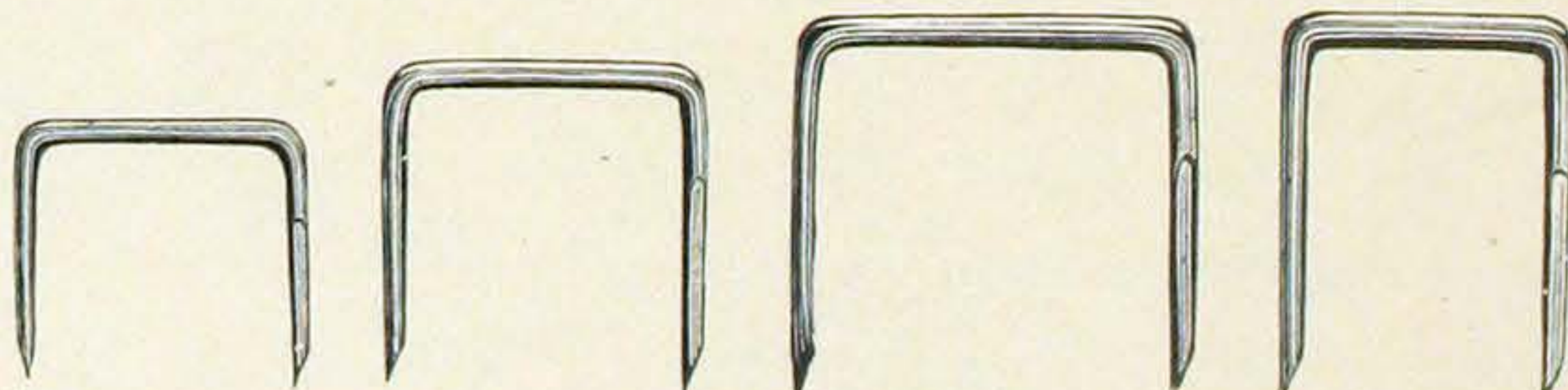


Are packed in boxes of one gross each.
Twelve gross in a case.

Per gross,	\$1.50
Per case,	18.00



Barrel Hoop Staples.



Prices on application.

AGENTS FOR

THE T. C. RICHARDS HARDWARE COMPANY,

REVISED LIST OF

BRIGHT IRON AND BRASS WIRE GOODS,

Adopted by the Bright Wire Goods Association, June 20, 1883.

Screw Eyes.

No.	Iron.	Brass.
0,	\$9.00	.....
1,	7.50	.....
2,	6.00	.....
3,	5.00	.....
4,	4.00	\$19.00
5,	3.00	16 00
6,	2.50	13.00
7,	2.00	10 00
8,	1 70	8.00
9,	1.50	6.00
10,	1.40	5.00
11,	1.30	4 00
12,	1.20	3.50
13,	1.10	3.00
14,	1.05	2.50
104,	3.10	17.00
105,	2.60	14.00
106,	2.20	11.00
107,	1.80	9.00
108,	1.60	7.00
109,	1.45	5.00
110,	1.35	4.00
111,	1.25	3.00
112,	1.15	2 75
113,	1.05	2.50
114,	1.00	2 25
114½,	1.00	2.25
204,	2.90	14.50
205,	2 40	12.00
206,	2.00	9.50
207,	1.65	7.00
208,	1.45	5.50
209,	1.35	4.50
210,	1.30	3.50
211,	1.20	2.75
212,	1.10	2.50
213,	1.00	2.25
214,	0.95	2.00
214½,	0.95	2.00

Bird-Cage Eyes.

No.	Iron.	Brass.
18,	\$2.70	\$8.00
218,	2.20	5.50

Screw Hooks.

No.	Iron.	Brass.
0,	\$12.00	.....
1,	10.00	.....
2,	8.00	.....
3,	7.00	.....
4,	6.00	\$22.00
5,	5.00	18.50
6,	4.00	15.50
6½,	3.50	14.00
7,	3.00	11.00
8,	2.75	8.00
9,	2.50	6.50
10,	2.25	5.25
11,	2.00	4.25
12,	1.80	3.50
13,	1.70	3.00
14,	1.60	2.75

Straight Hooks.

No.	Iron.	Brass.
104,	\$6.00	\$22.00
105,	5.00	18.50
106,	4.00	15.50
107,	3.00	11 00
108,	2.75	8.00
109,	2.50	6.50
110,	2 25	5.25
111,	2.00	4.25
112,	1.80	3.50
113,	1.70	3.00
114,	1.60	2.75

Gate Hooks and Eyes.

	Iron.	Brass.
1½ inches,	\$6.50	\$12 00
2 "	7.50	16 00
2½ "	8.50	20.00
3 "	10.00	25.00
3½ "	11.50	32.00
4 "	12.50	40 00
4½ "	14.00	50.00
5 "	15.50	55.00
5½ "	17.00	60.00
6 "	19.00	70.00

Cornice Hooks and Eyes.

2 inches,	\$6.50
2½ "	7.00
3 "	7.50
3½ "	8.00
4 "	8.50
4½ "	9.00
5 "	10.00
5½ "	11.00
6 "	12.00

Cornice Hooks without Eyes.

2 inches,	\$4.00
2½ "	5.50
3 "	6.00
3½ "	6.50
4 "	7.00
4½ "	7.50
5 "	8.50
5½ "	9.50
6 "	10.50

Tinned Meat Hooks.

No. 3,	\$12.00
" 4,	10.00
" 5,	9.00

Stair Rod Eyes.

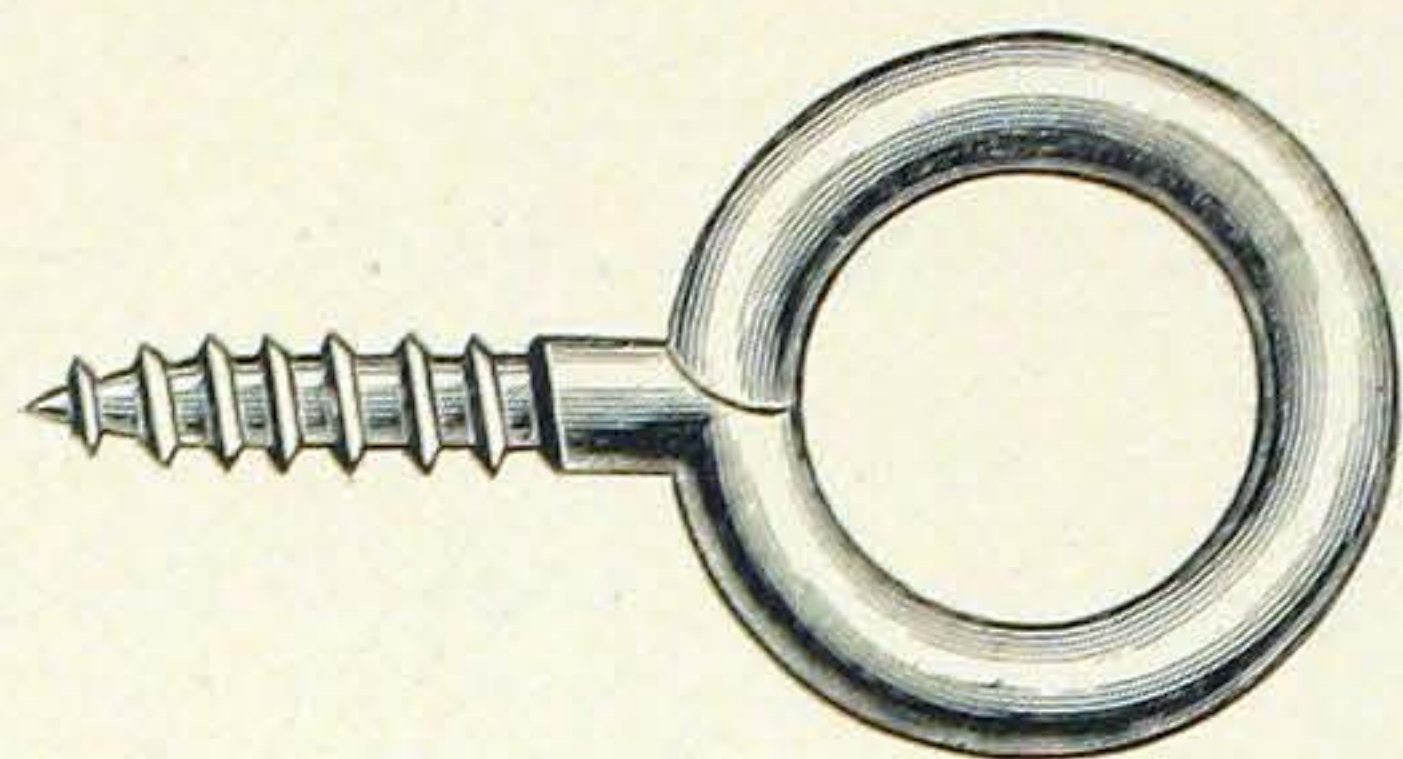
	Bright.
Per gross,	\$1.40
	Bronzed.
Per gross,	\$2.00
	Brass plated.
Per gross,	\$4.00
	Brass.
Per gross,	8.00

Blunt screw hooks same price as screw hooks.

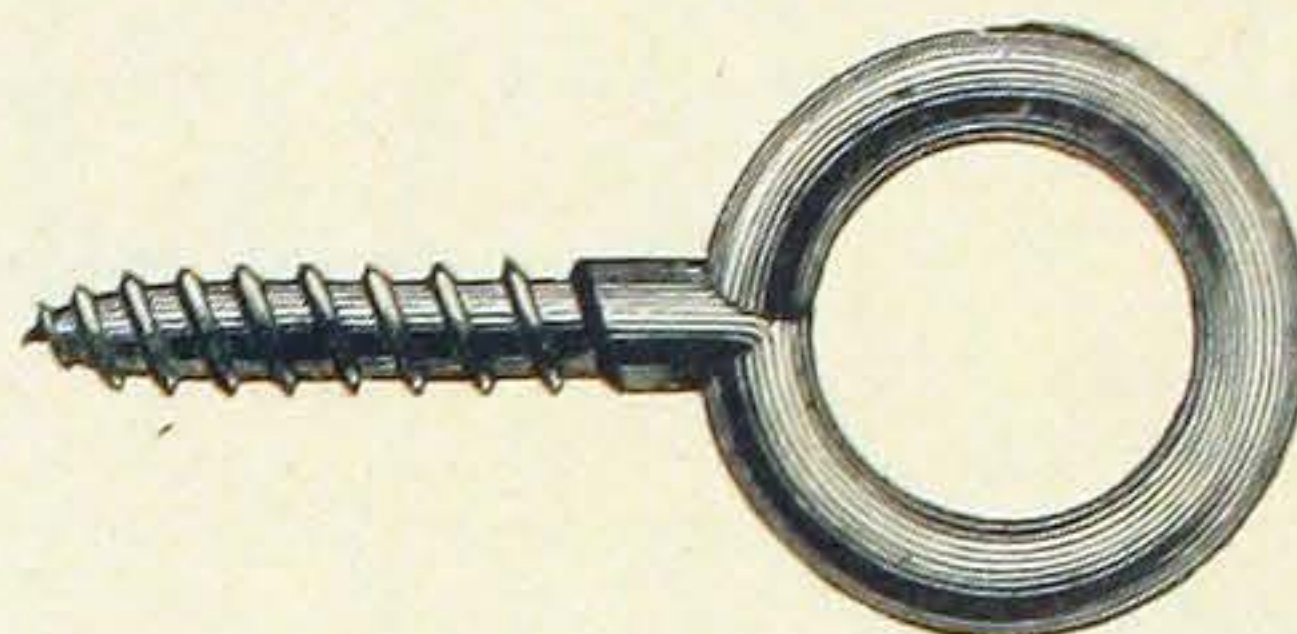
BRIGHT IRON AND BRASS WIRE SCREW EYES.

SHARP GIMLET POINT.

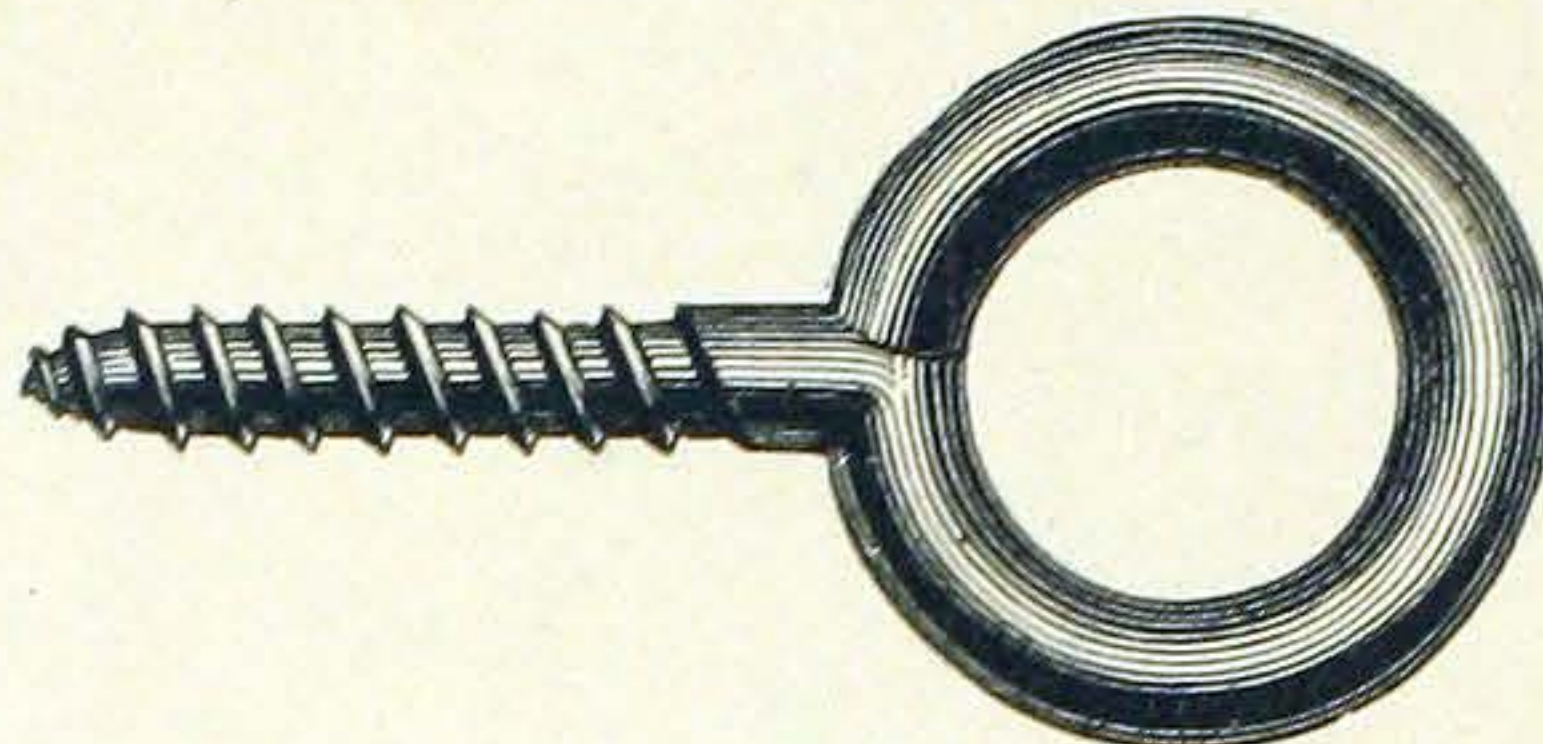
CUTS FULL SIZE—PRICES PER GROSS.



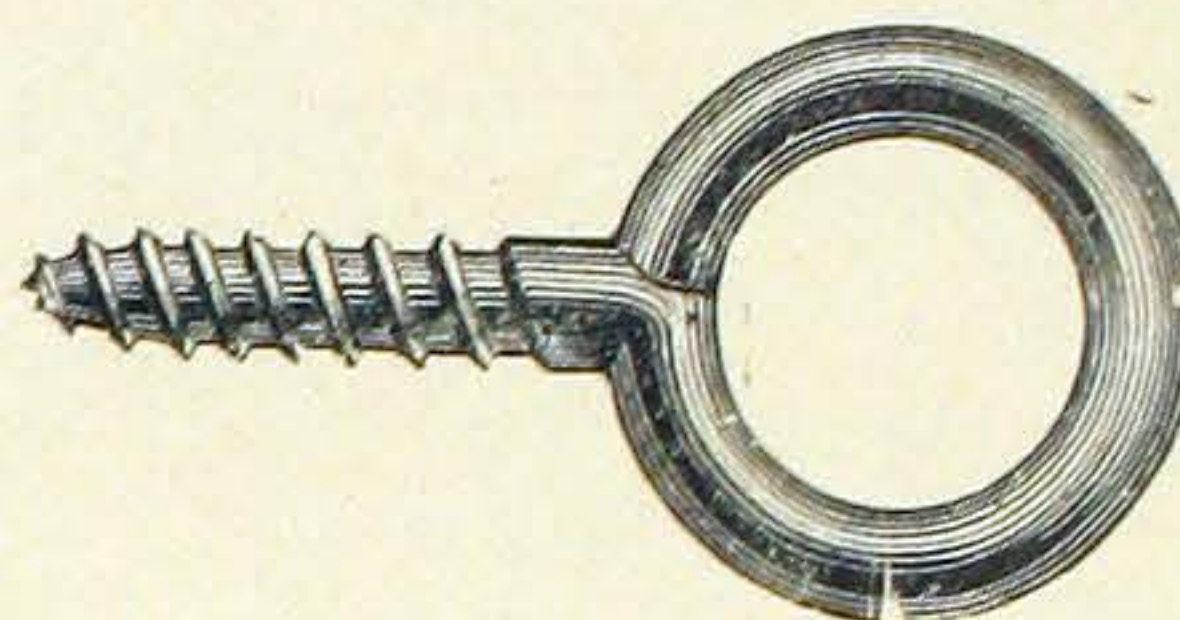
No. 5, \$3.00
Brass, 16.00



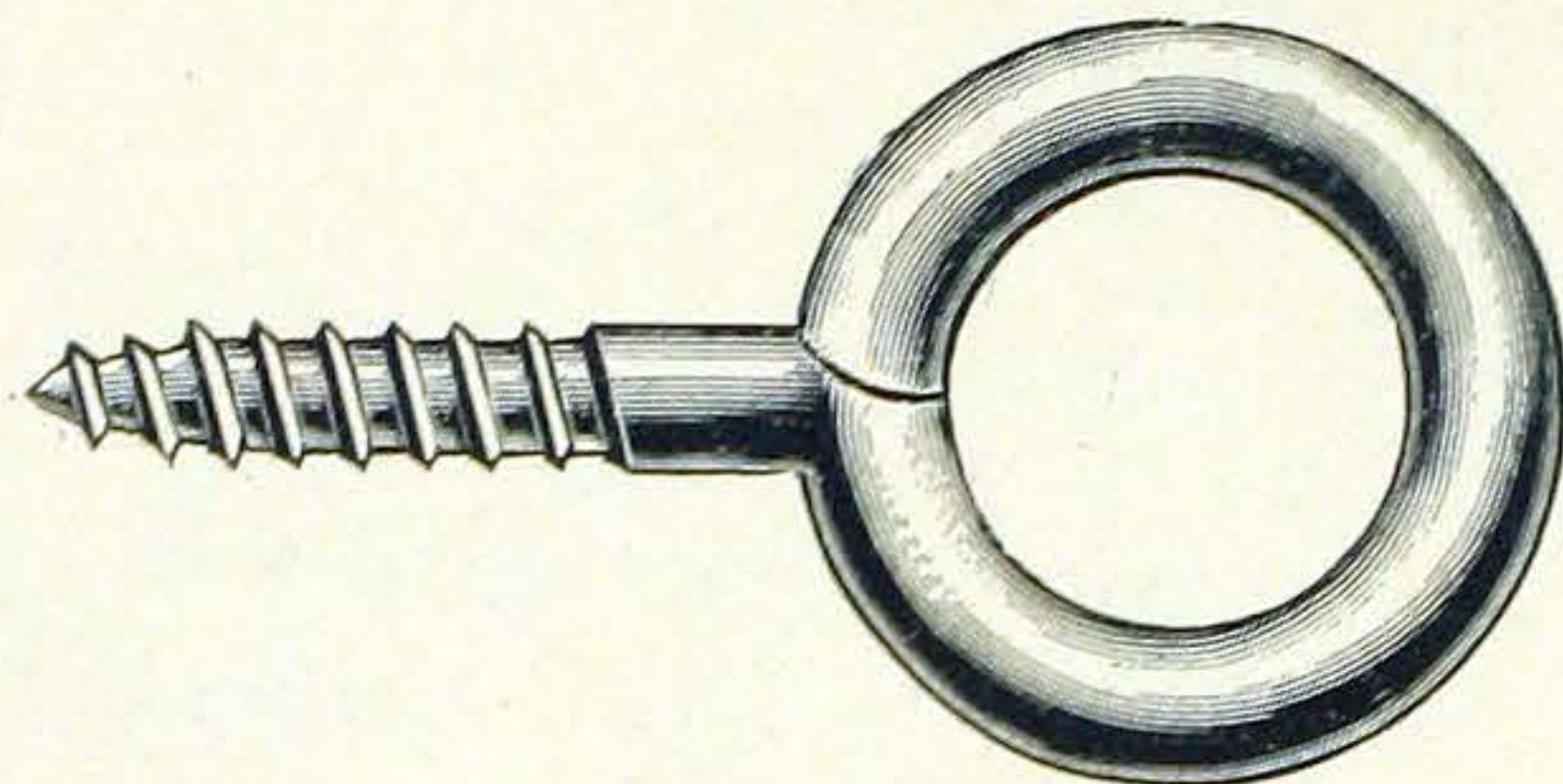
No. 6, \$2.50
Brass, 13.00



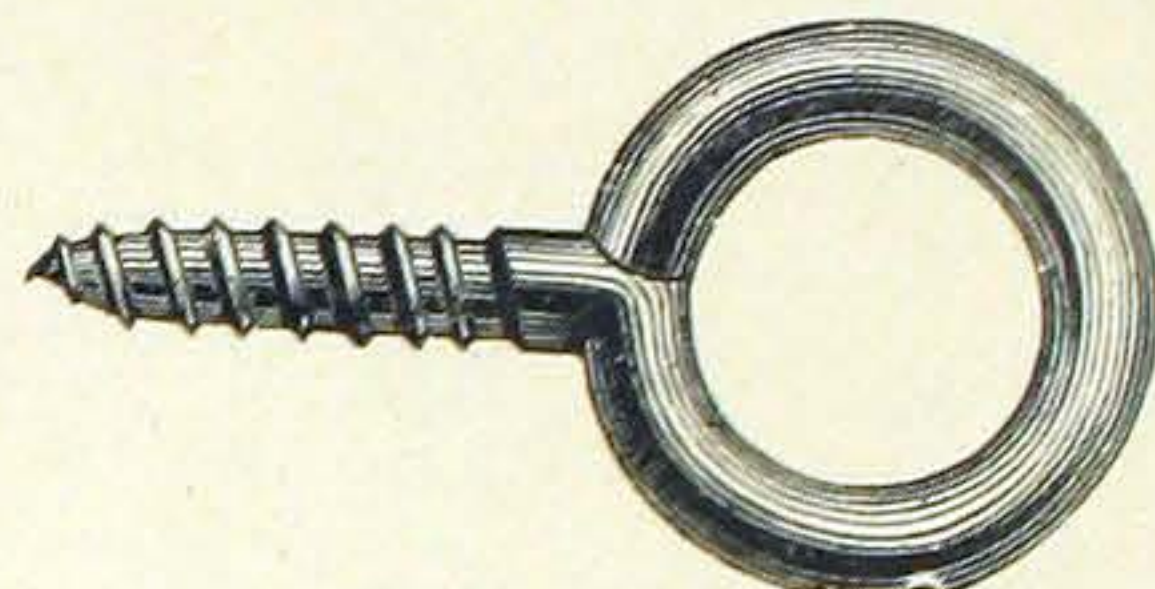
No. 4, \$4.00
Brass, 19.00



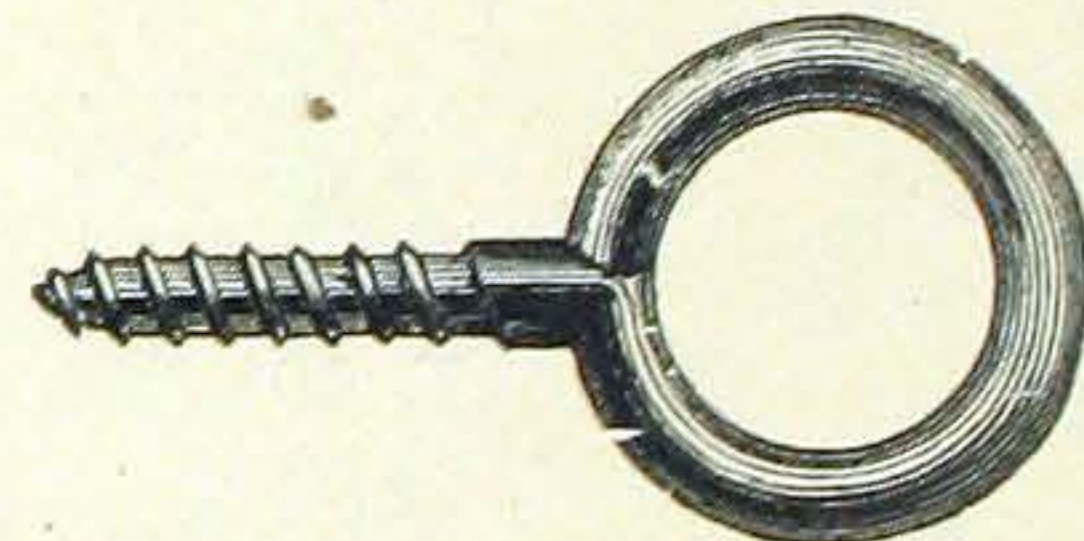
No. 7, \$2.00
Brass, 10.00



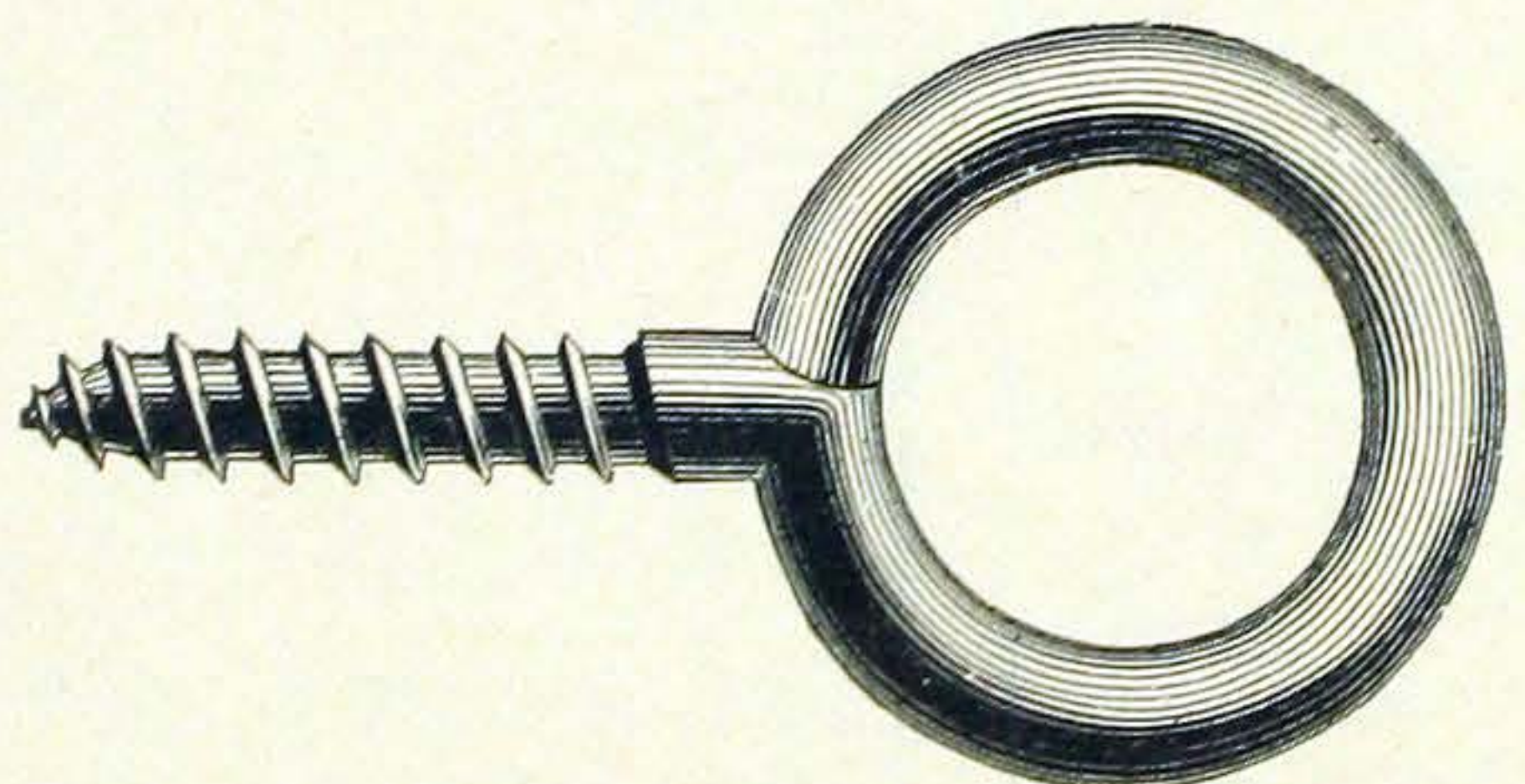
No. 3, \$5.00



No. 8, \$1.70
Brass, 8.00



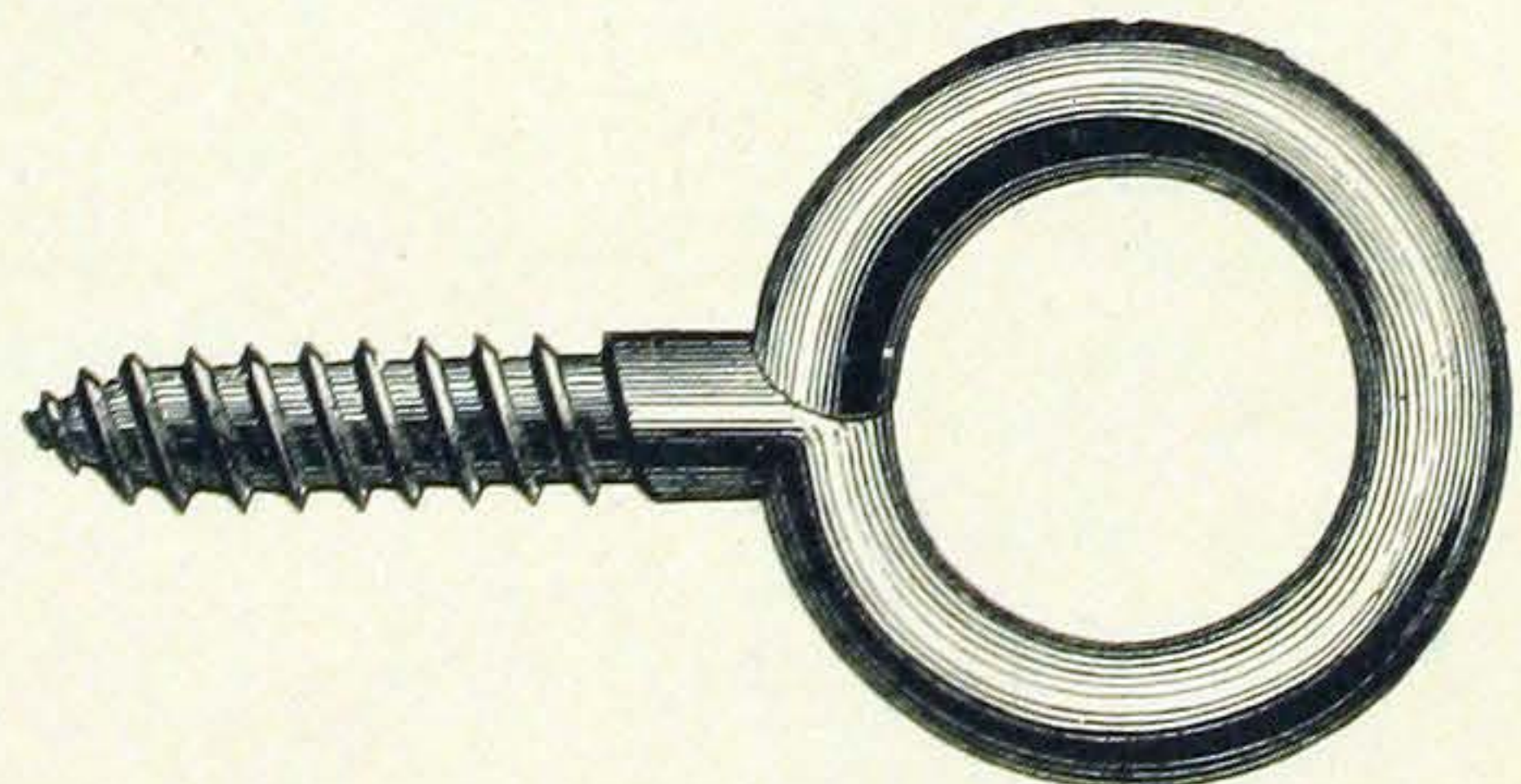
No. 9, \$1.50
Brass, 6.00



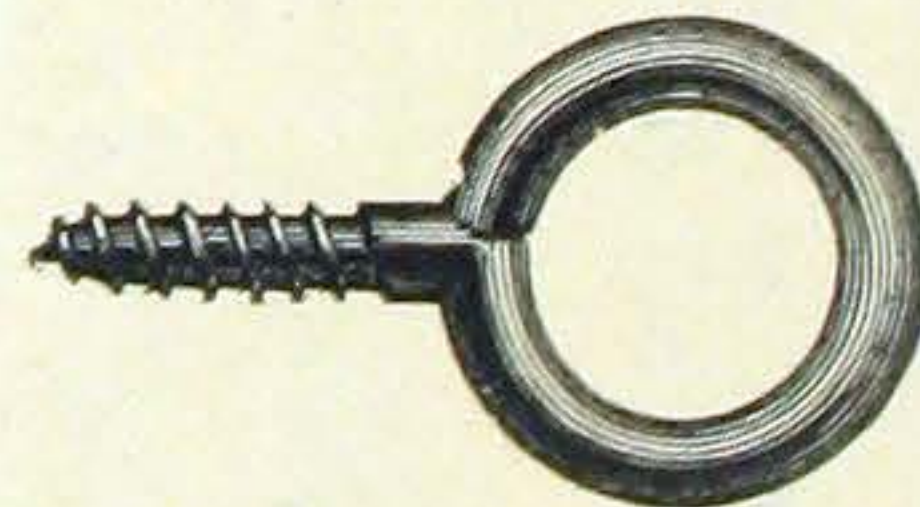
No. 2, \$6.00



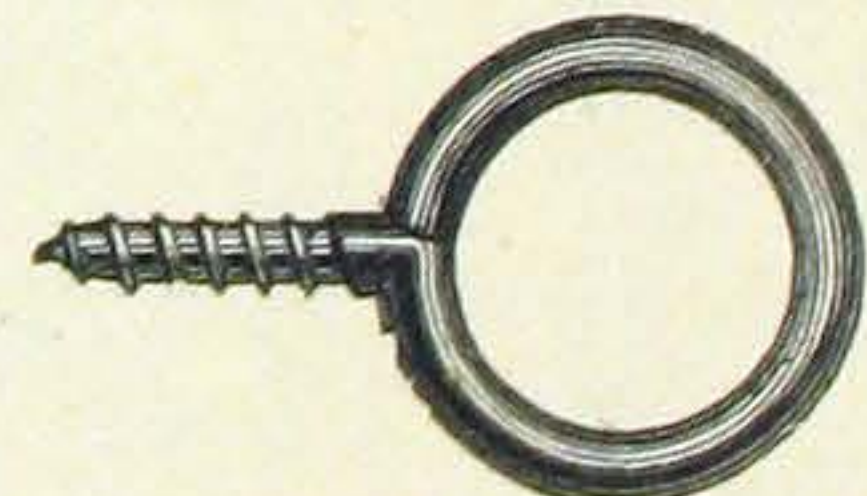
No. 10, \$1.40
Brass, 5.00



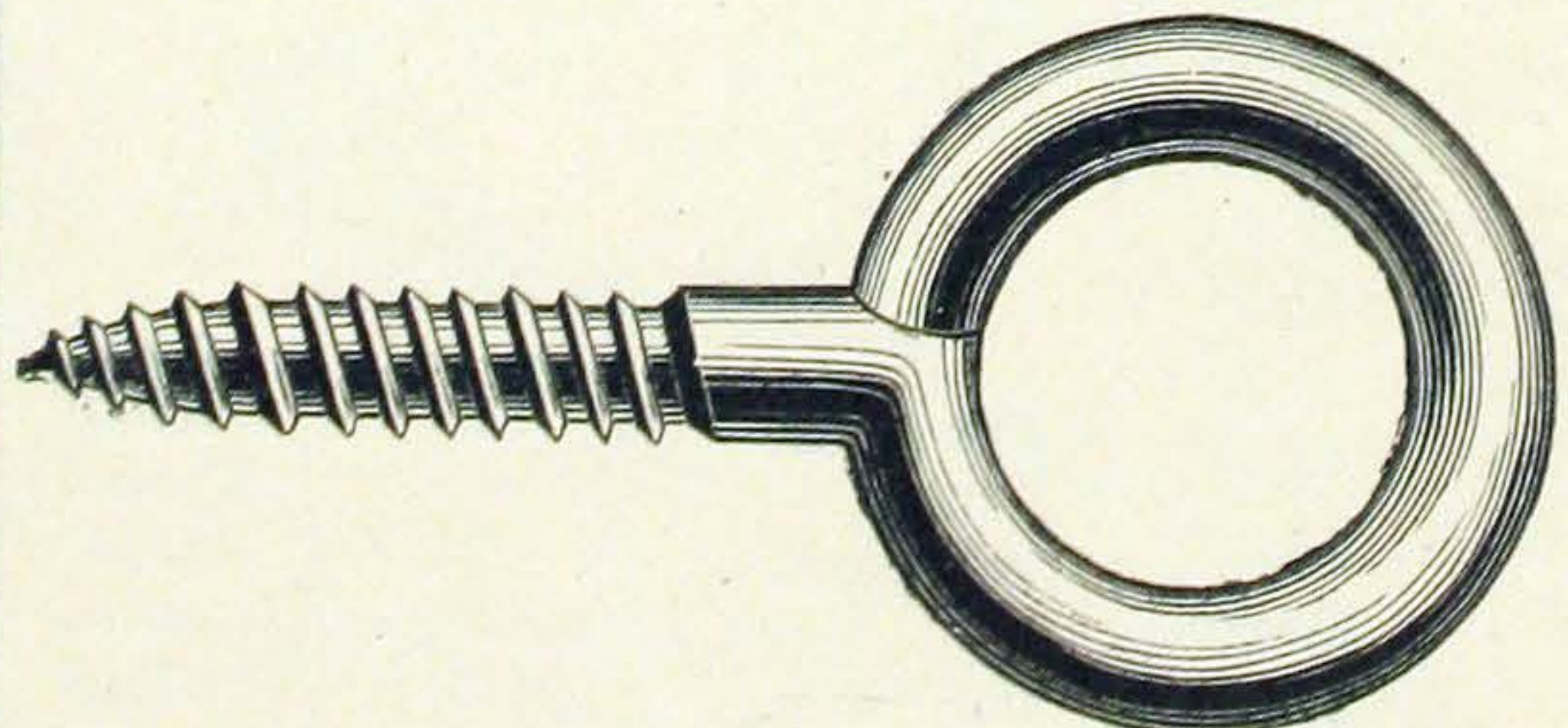
No. 1, \$7.50



No. 11, \$1.30
Brass, 4.00



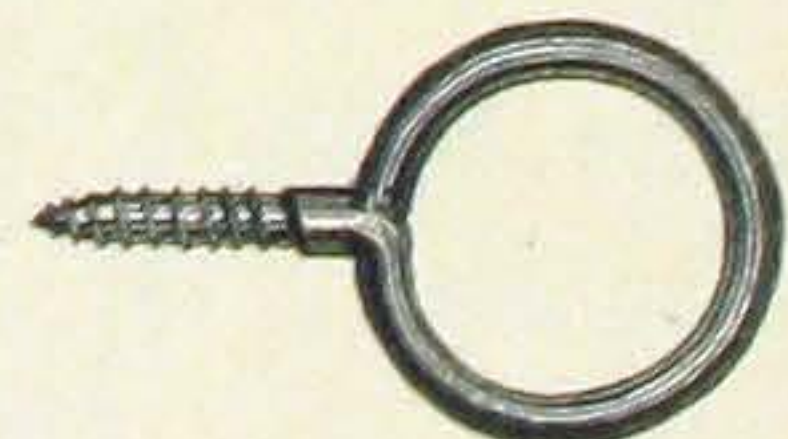
No. 12, \$1.20
Brass, 3.50



No. 0, \$9.00



No. 13, \$1.10
Brass, 3.00













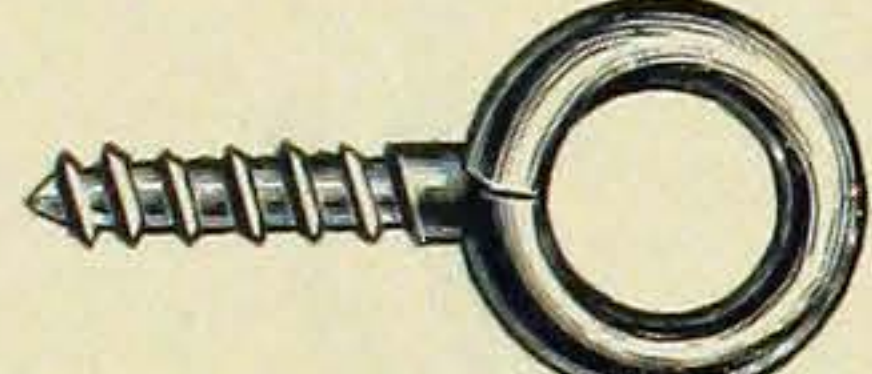



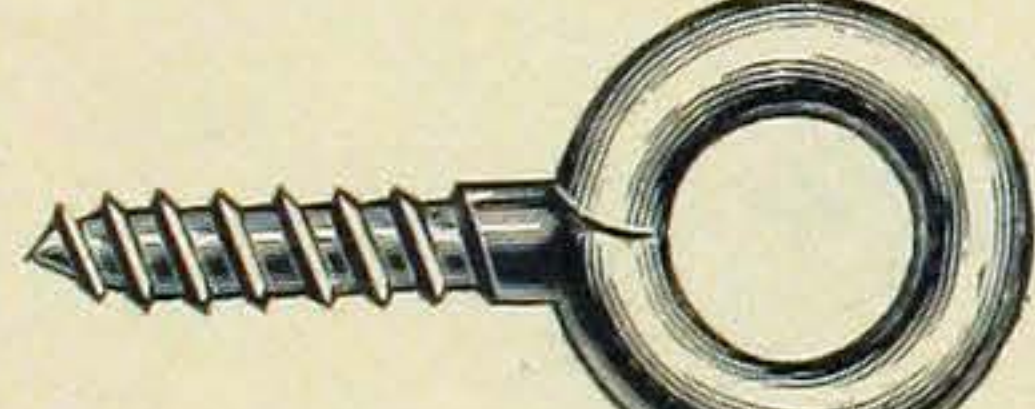

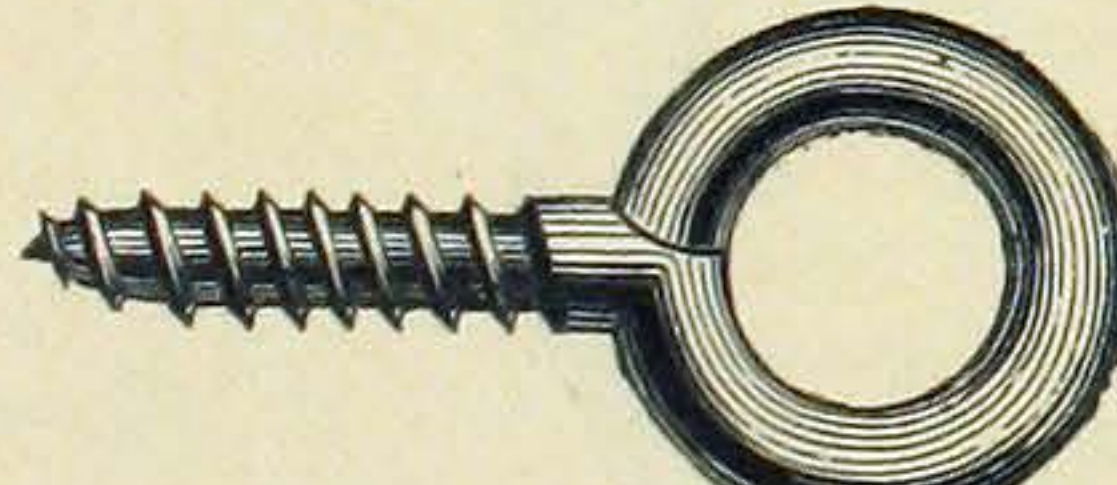
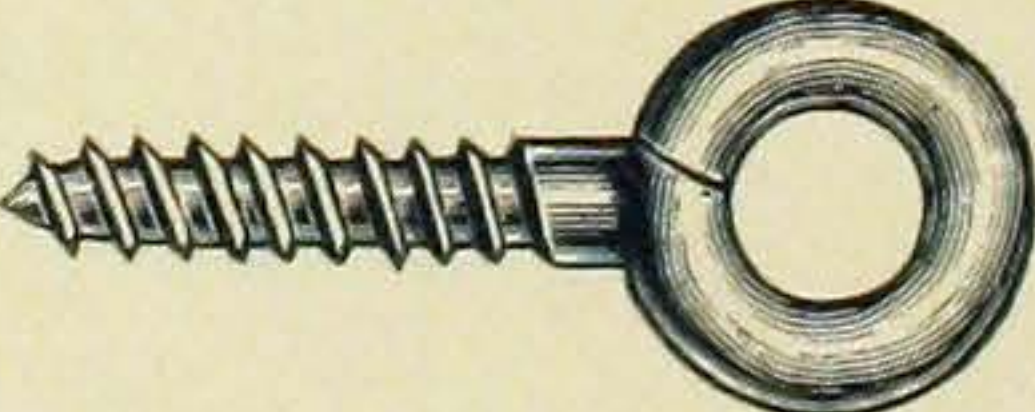
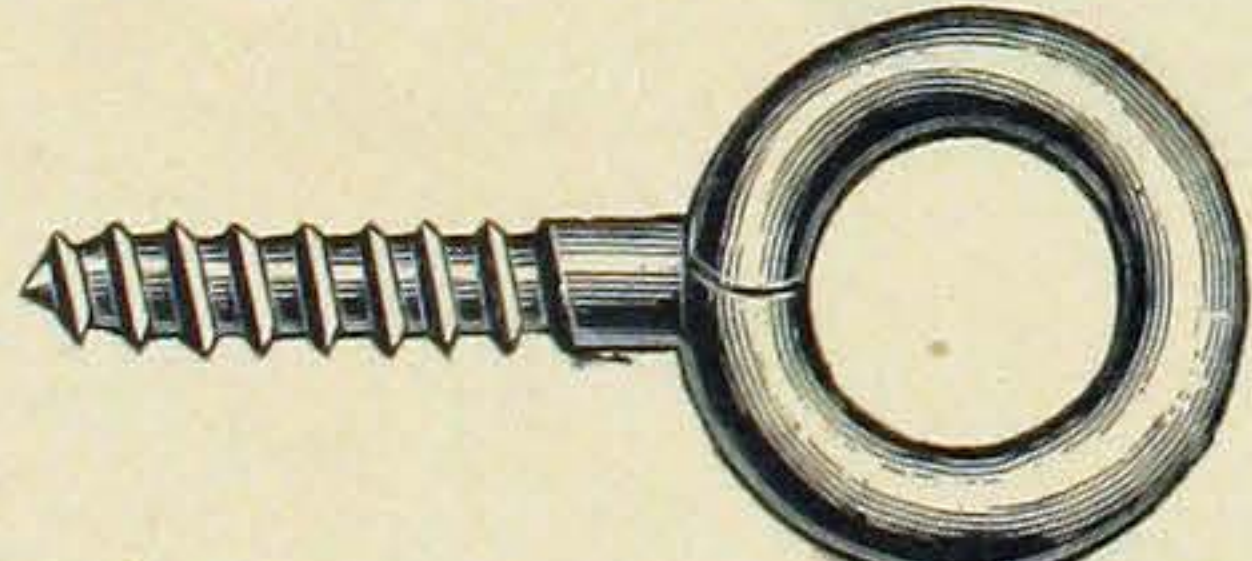
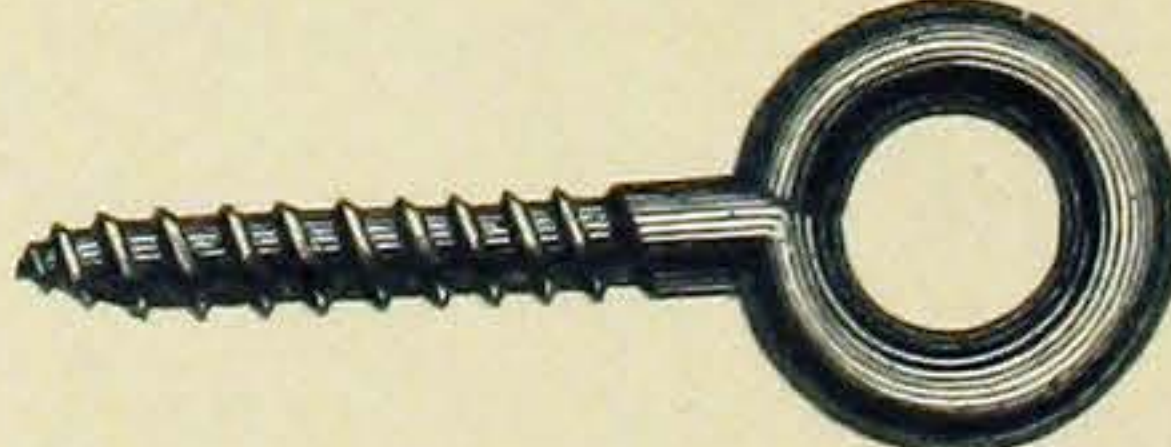
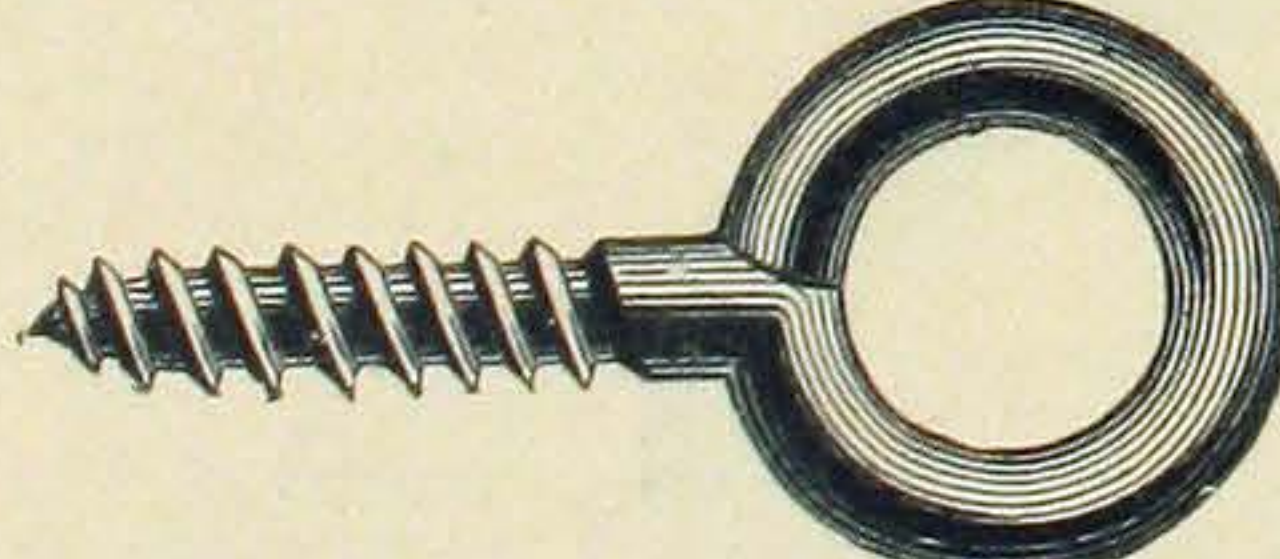

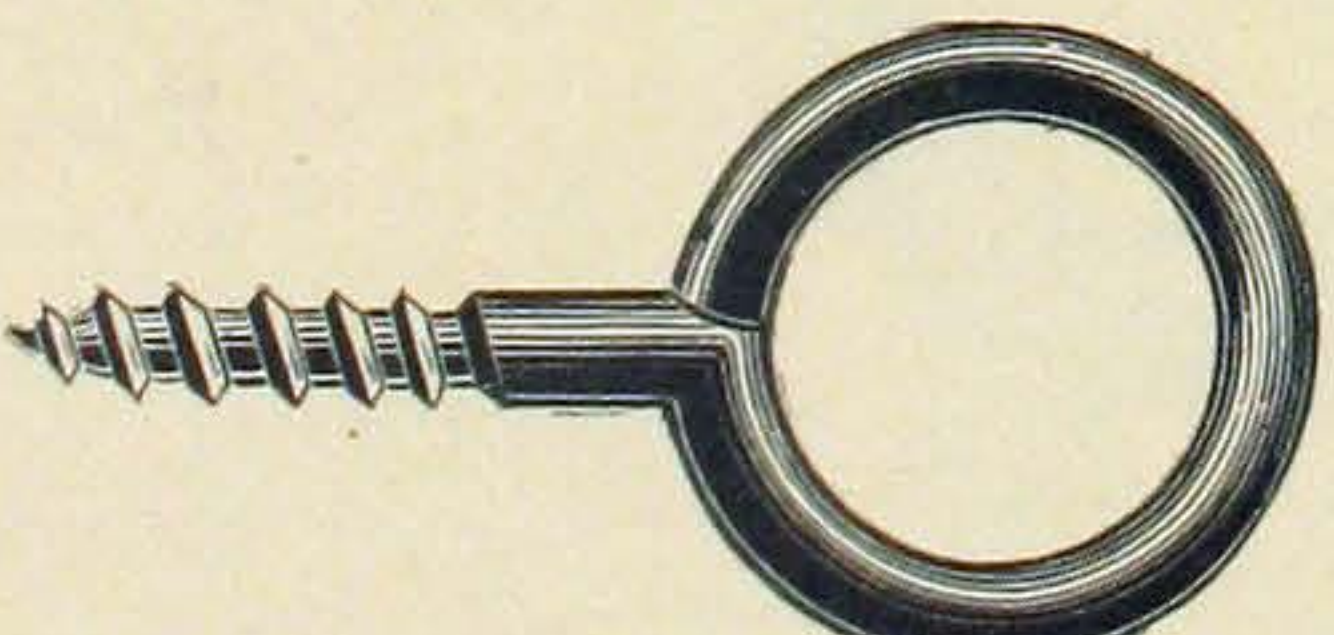
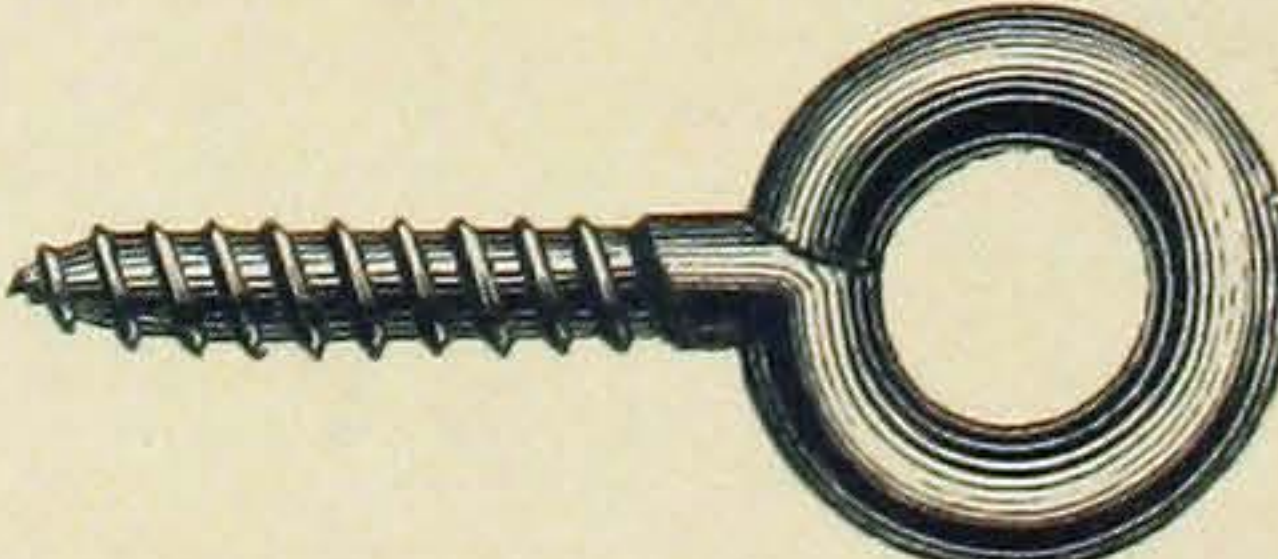
No. 14, \$1.05
Brass, 2.50

Packed, Nos. 0, 1, 2, 3, 4 and 5, one-half gross in a box; balance, one gross in a box.

BRIGHT IRON AND BRASS WIRE SCREW EYES.

SHARP GIMLET POINT.

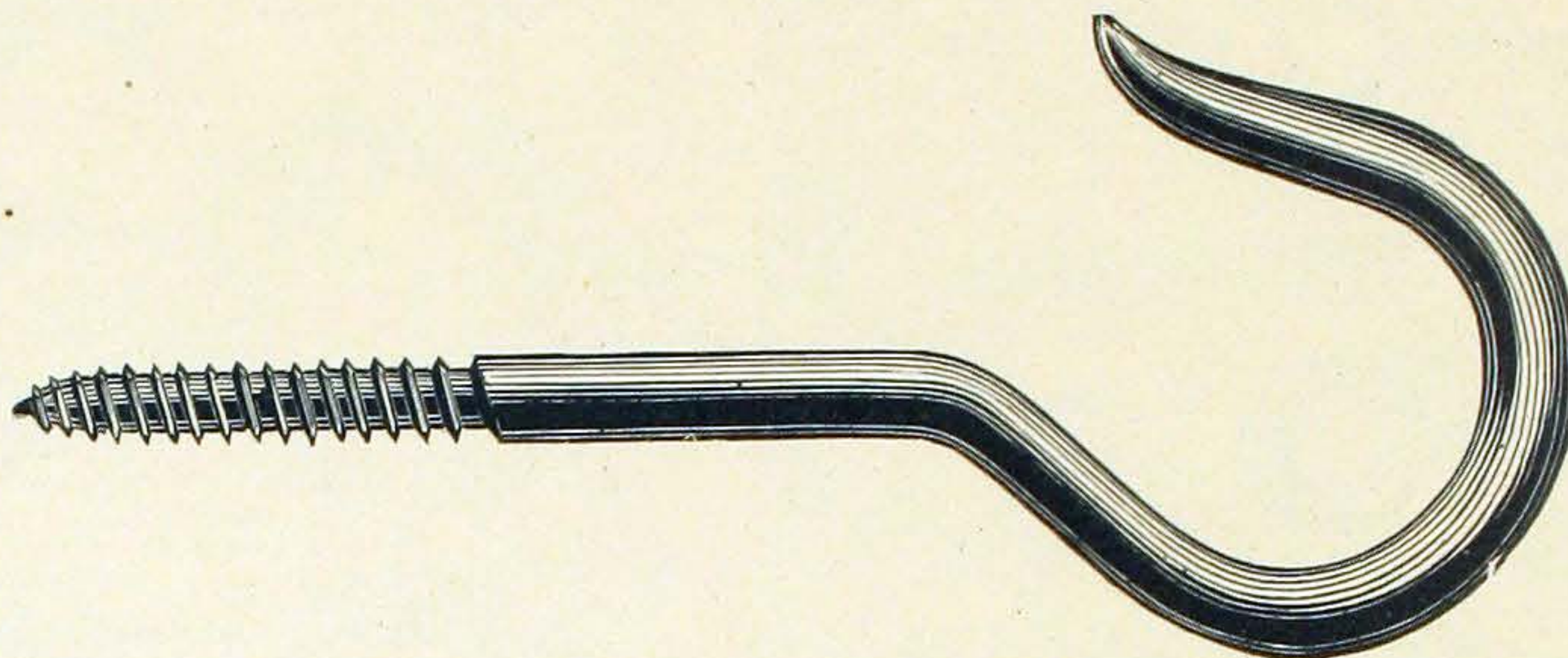
CUTS FULL SIZE—PRICES PER GROSS.

	No. 114 $\frac{1}{2}$, . . \$1.00 Brass, . . . 2.25		No. 214 $\frac{1}{2}$, . . \$0.95 Brass, . . . 2.00
	No. 114, . . \$1.00 Brass, . . . 2.25		No. 214, . . \$0.95 Brass, . . . 2.00
	No. 113, . . \$1.05 Brass, . . . 2.50		No. 213, . . \$1.00 Brass, . . . 2.25
	No. 112, . . \$1.15 Brass, . . . 2.75		No. 212, . . \$1.10 Brass, . . . 2.50
	No. 111, . . \$1.25 Brass, . . . 3.00		No. 211, . . \$1.20 Brass, . . . 2.75
	No. 110, . . \$1.35 Brass, . . . 4.00		No. 210, . . \$1.30 Brass, . . . 3.50
	No. 109, . . \$1.45 Brass, . . . 5.00		No. 209, . . \$1.35 Brass, . . . 4.50
	No. 108, . . \$1.60 Brass, . . . 7.00		No. 208, . . \$1.45 Brass, . . . 5.50
	No. 107, . . \$1.80 Brass, . . . 9.00		No. 207, . . \$1.65 Brass, . . . 7.00
	No. 106, . . \$2.20 Brass, . . . 11.00		No. 206, . . \$2.00 Brass, . . . 9.50
	No. 105, . . \$2.60 Brass, . . . 14.00		No. 205, . . \$2.40 Brass, . . . 12.00
	No. 104, . . \$3.10 Brass, . . . 17.00		No. 204, . . \$2.90 Brass, . . . 14.50

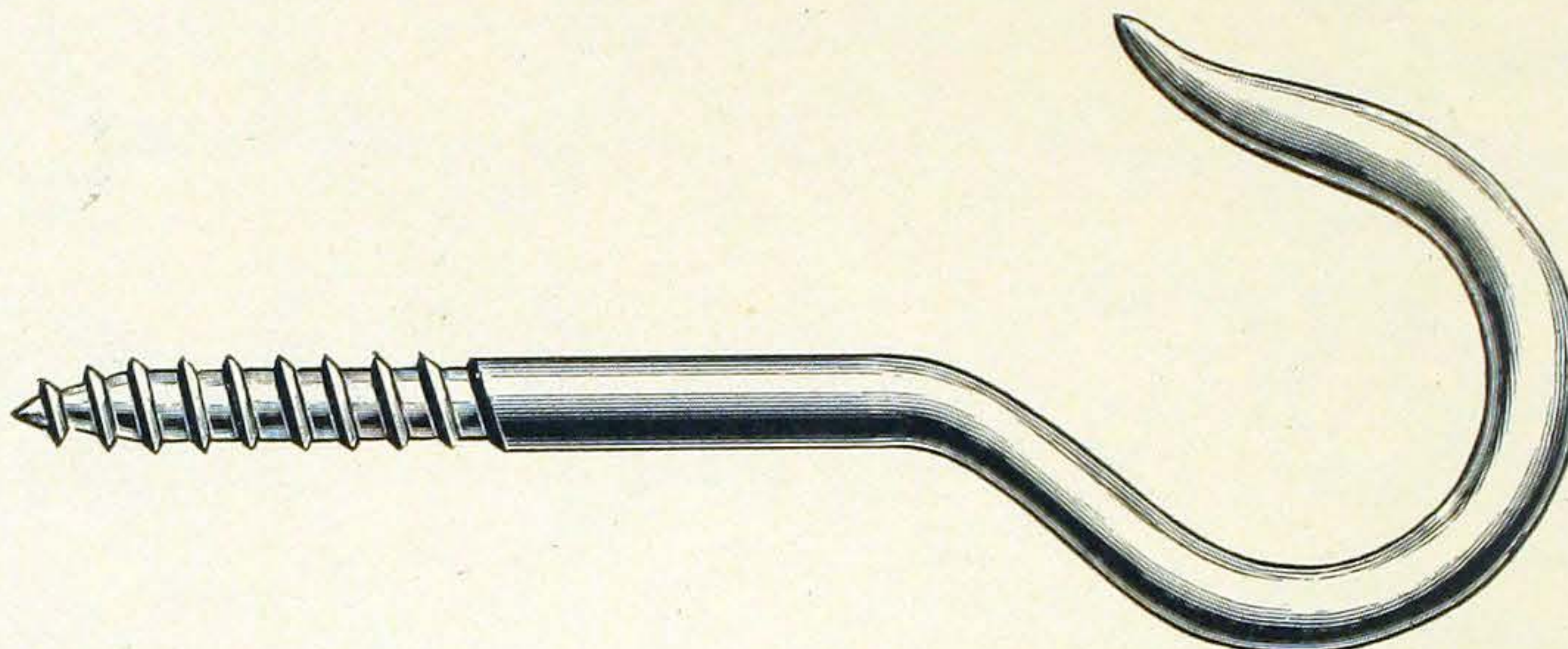
Packed one gross in a box. Nos. 112, 113 and 114, fifty gross in a case.

BRIGHT IRON AND BRASS WIRE SCREW HOOKS.**SHARP GIMLET POINT.**

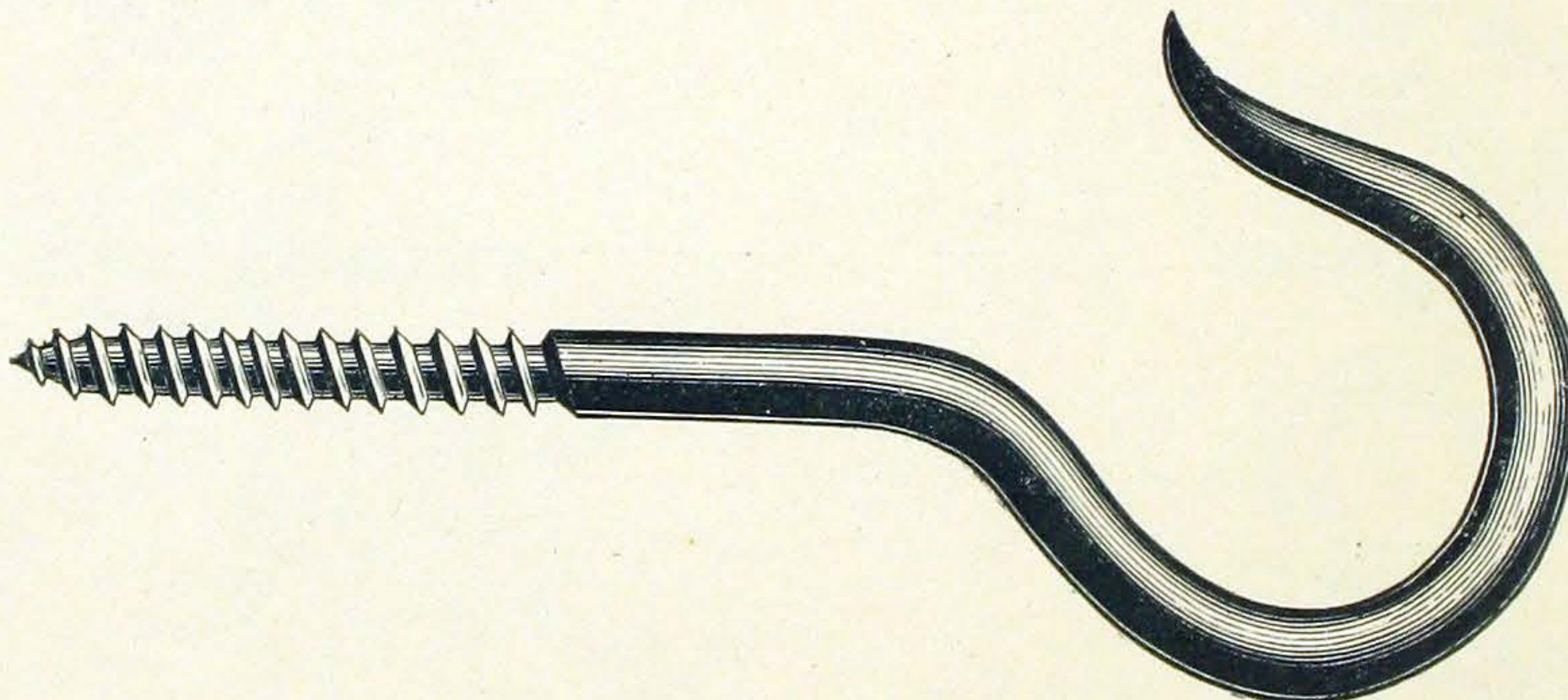
CUTS FULL SIZE—PRICES PER GROSS.



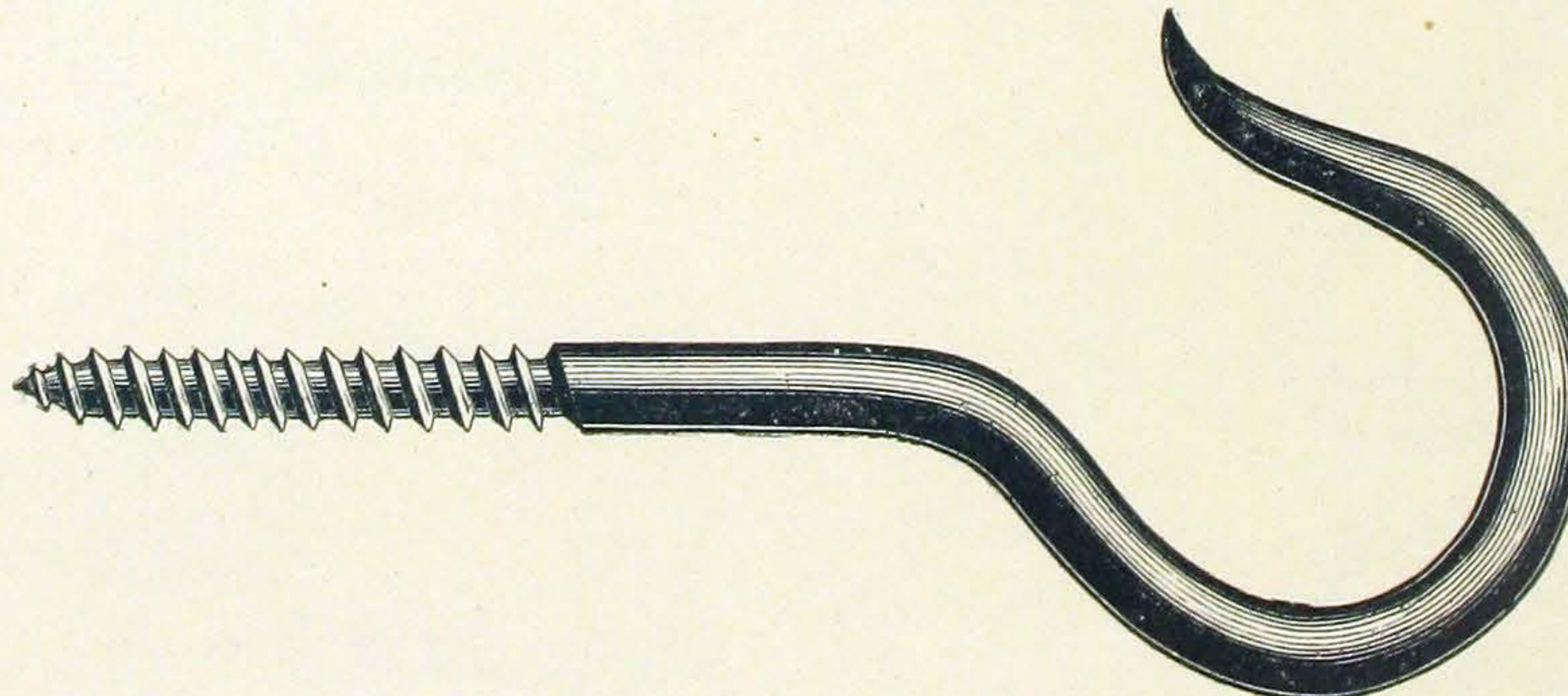
No. 3, \$7.00.



No. 2, \$8 00.



No. 1, \$10.00.



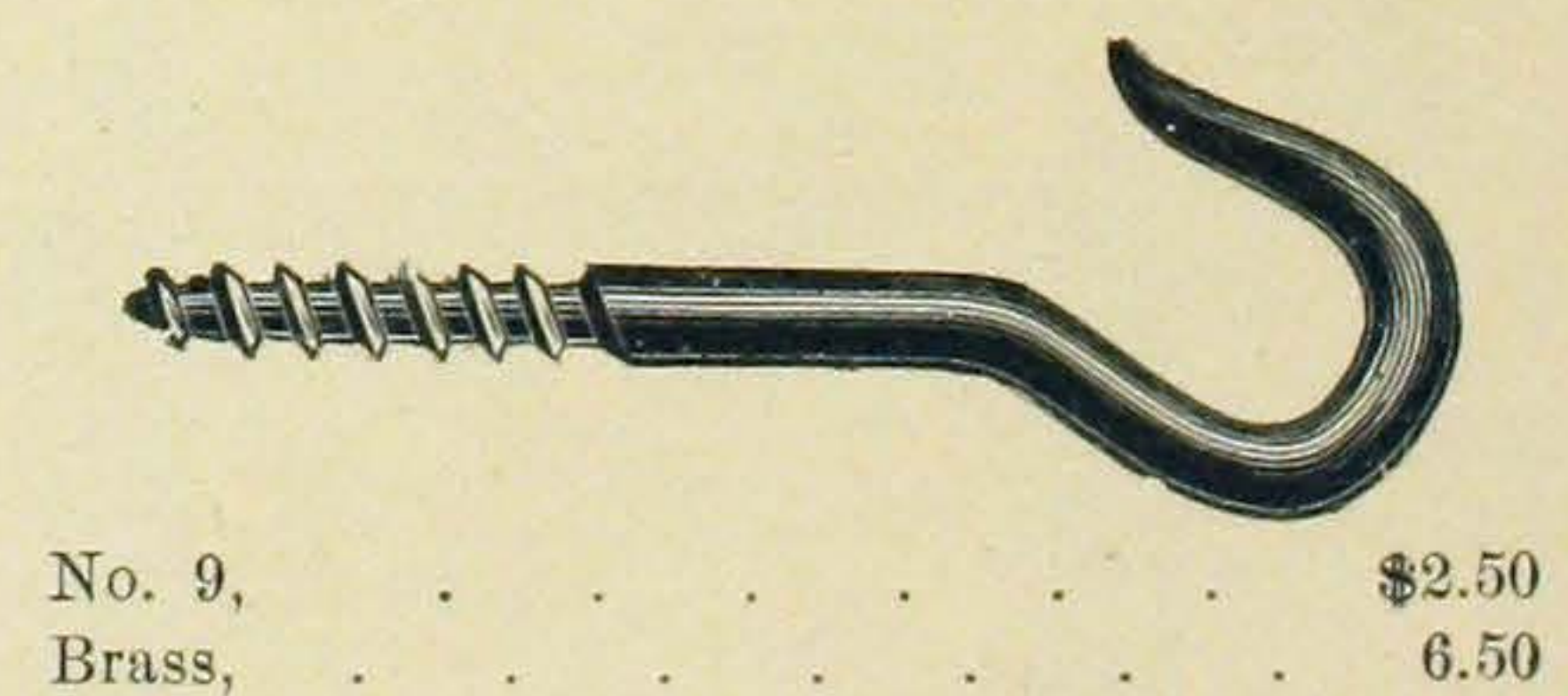
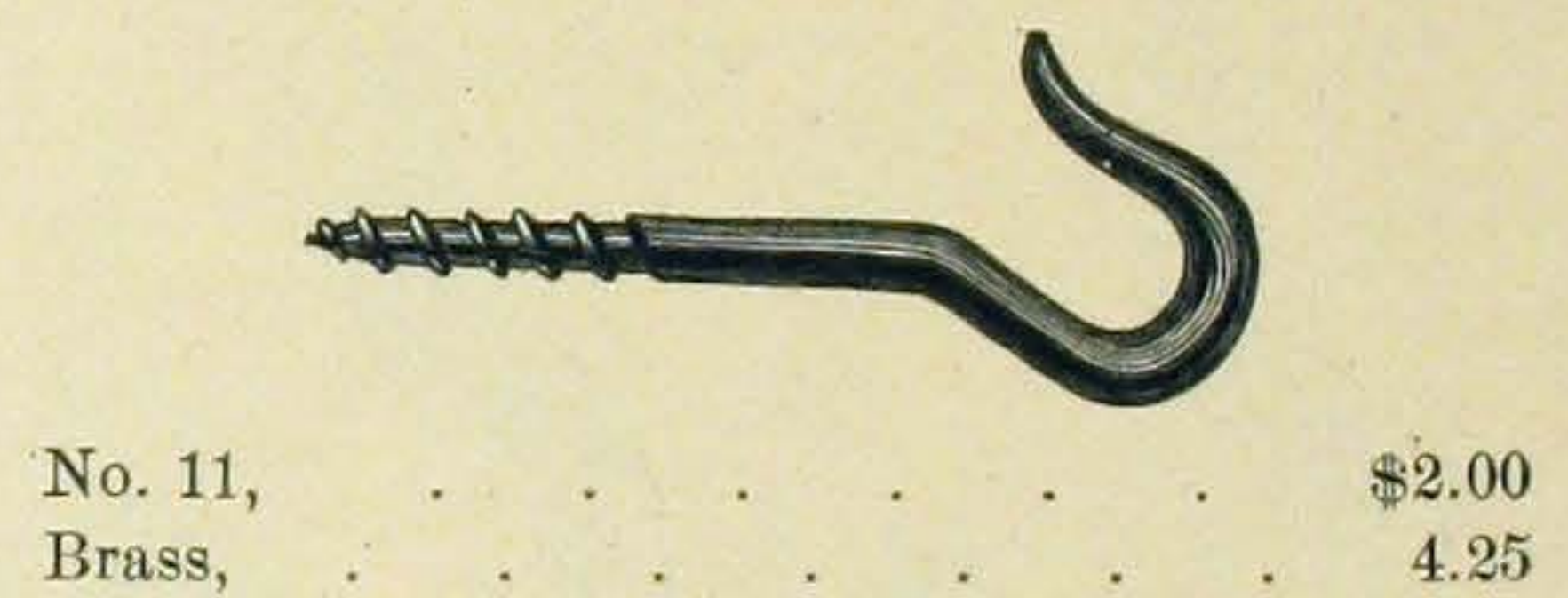
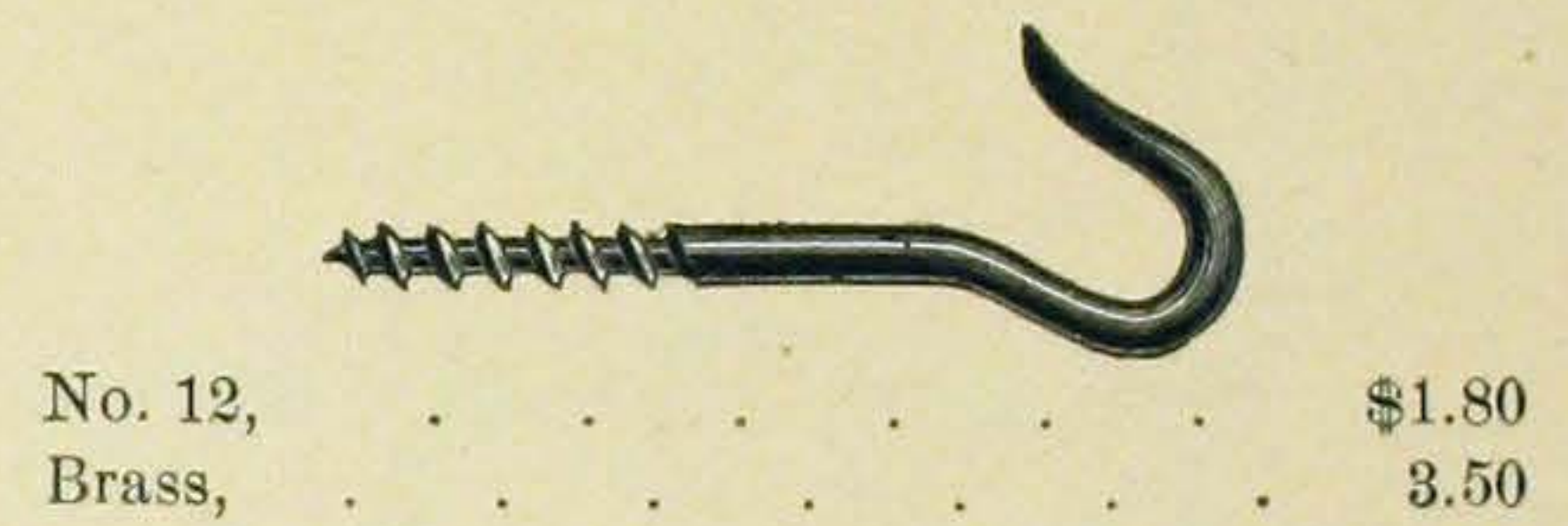
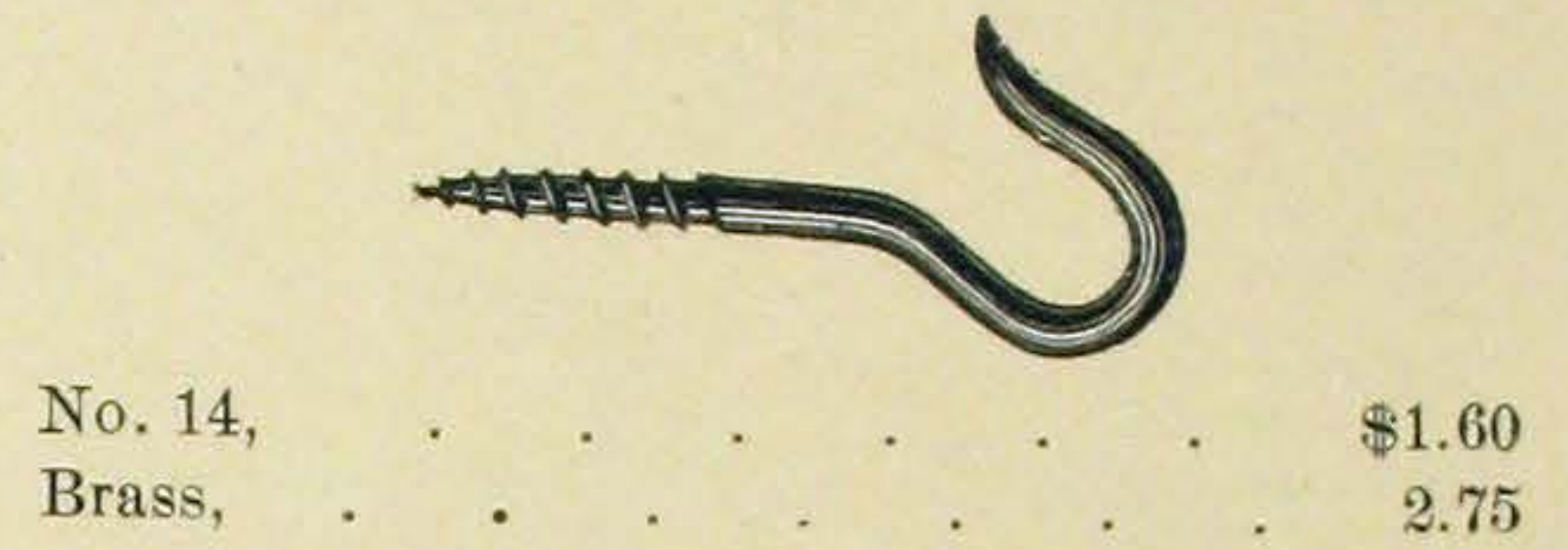
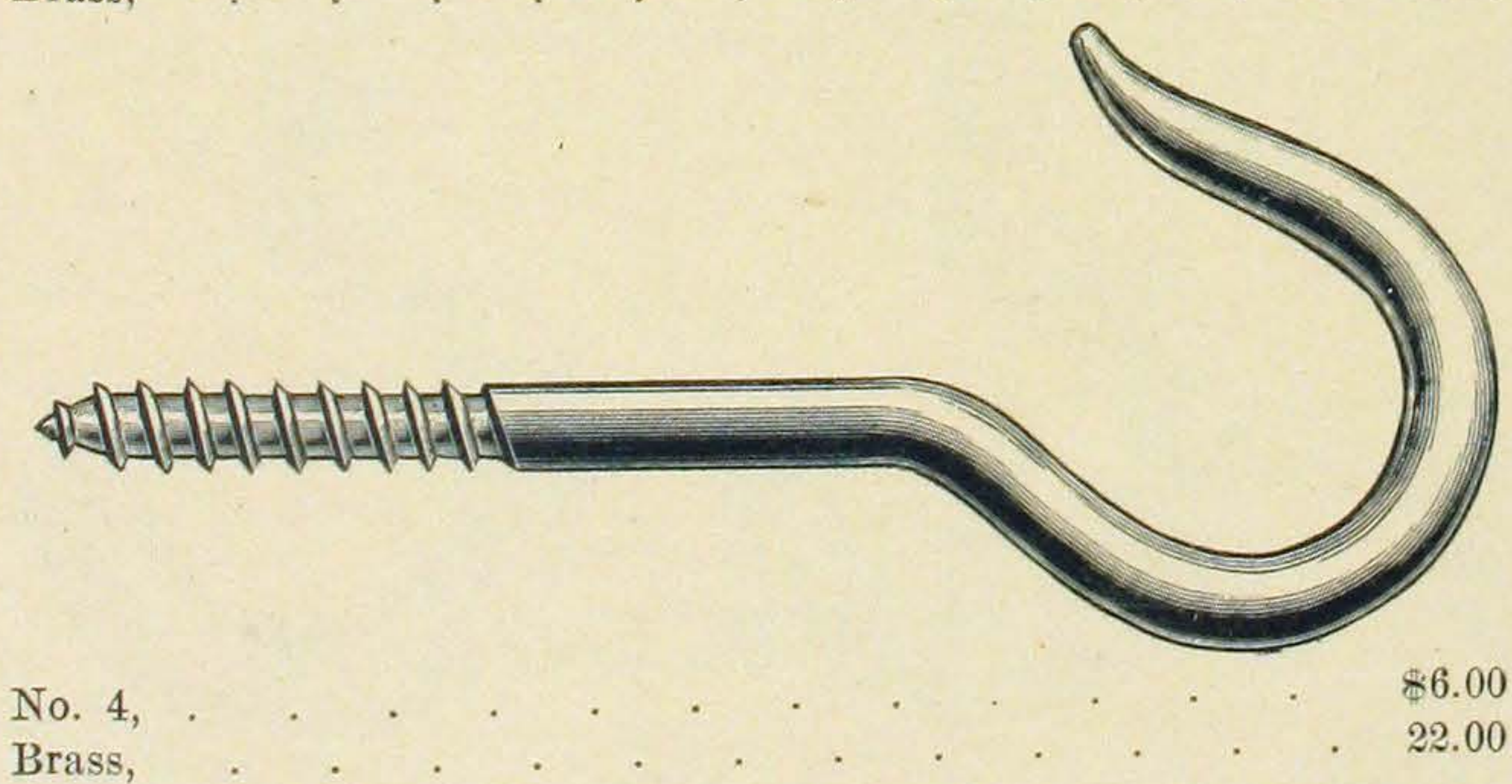
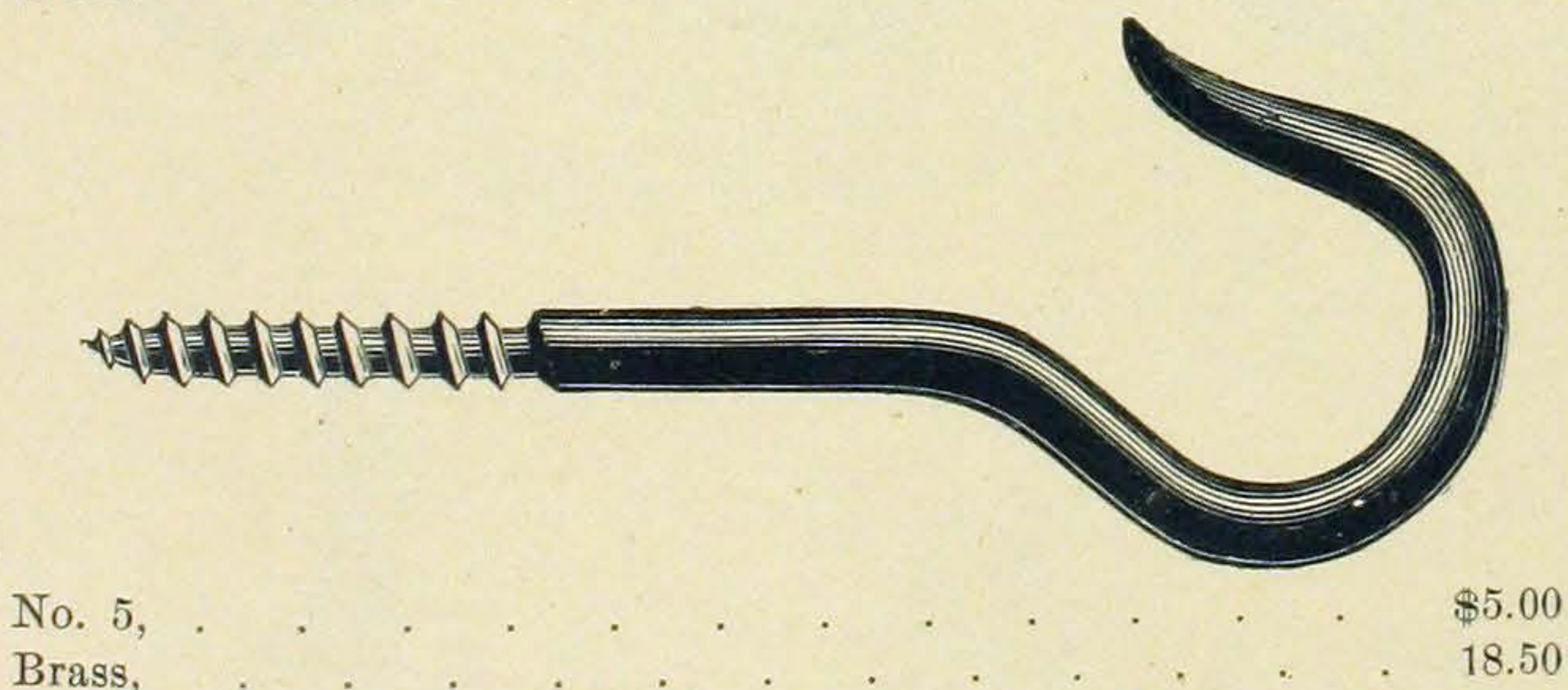
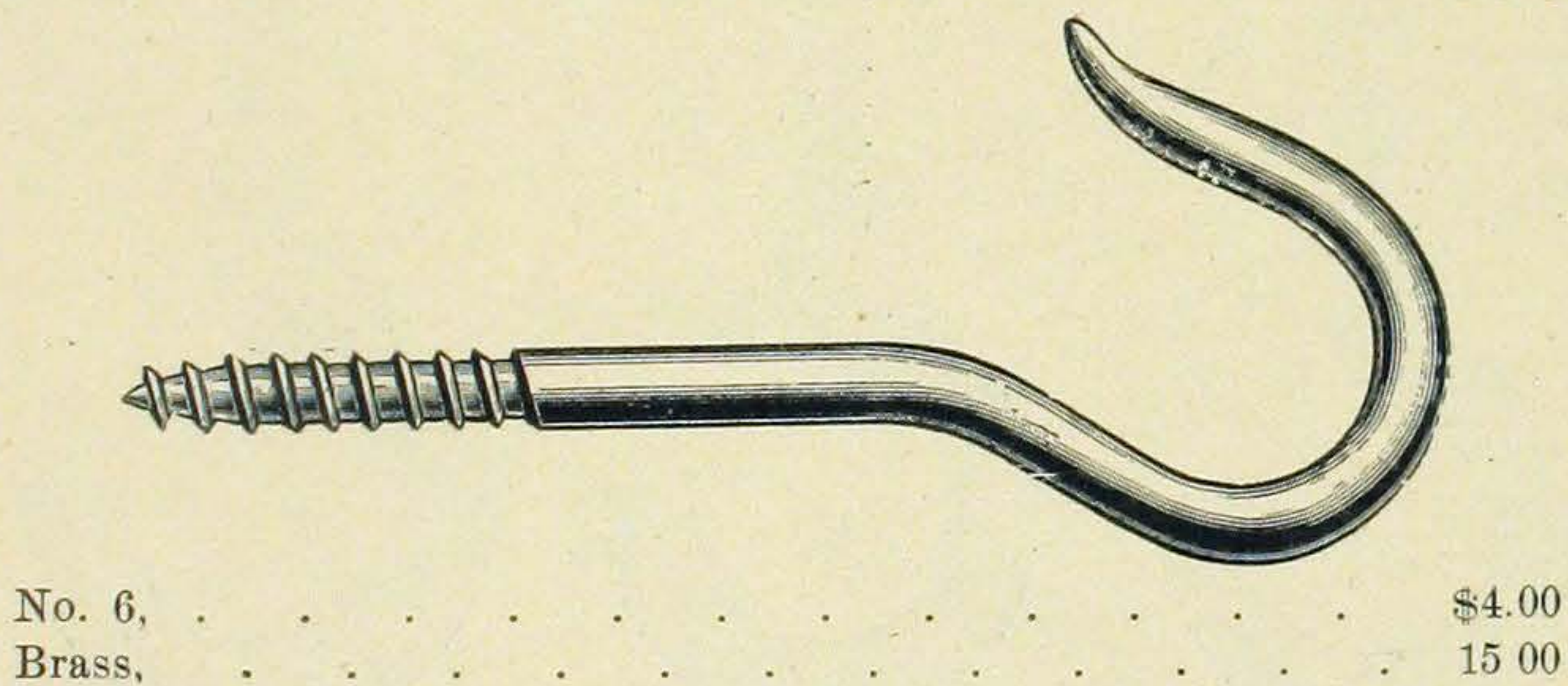
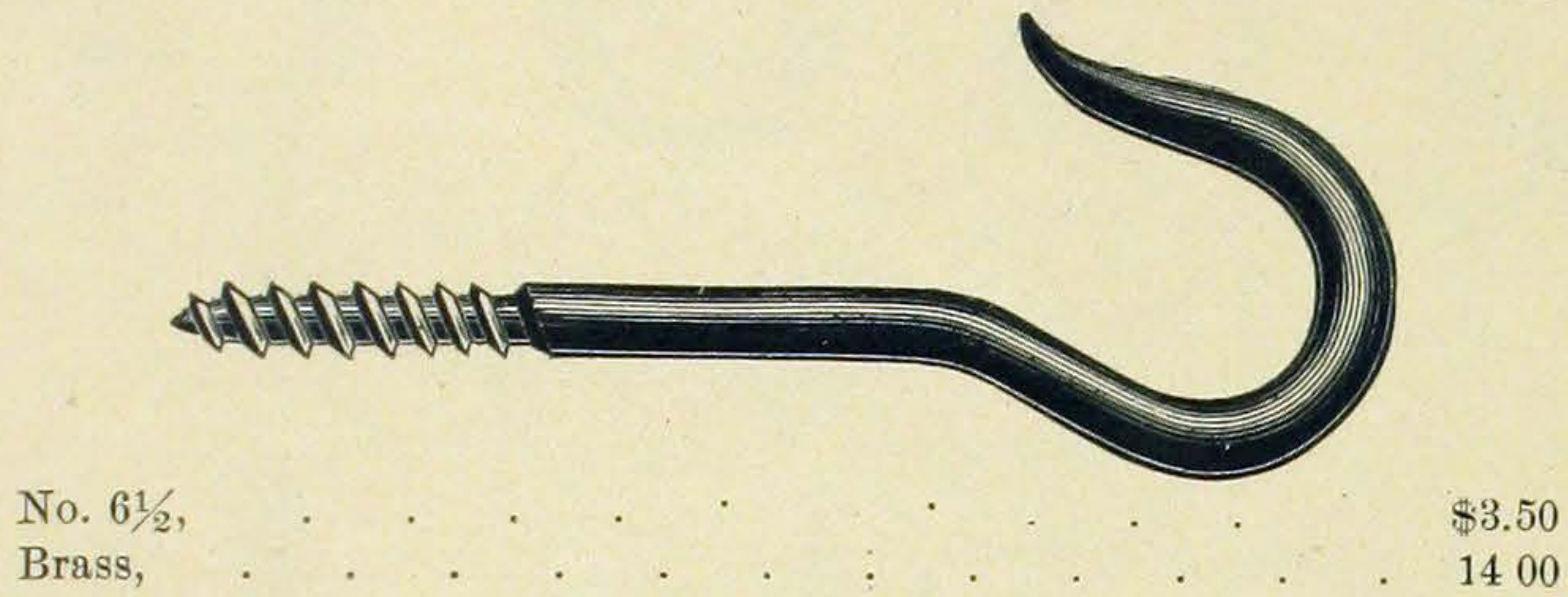
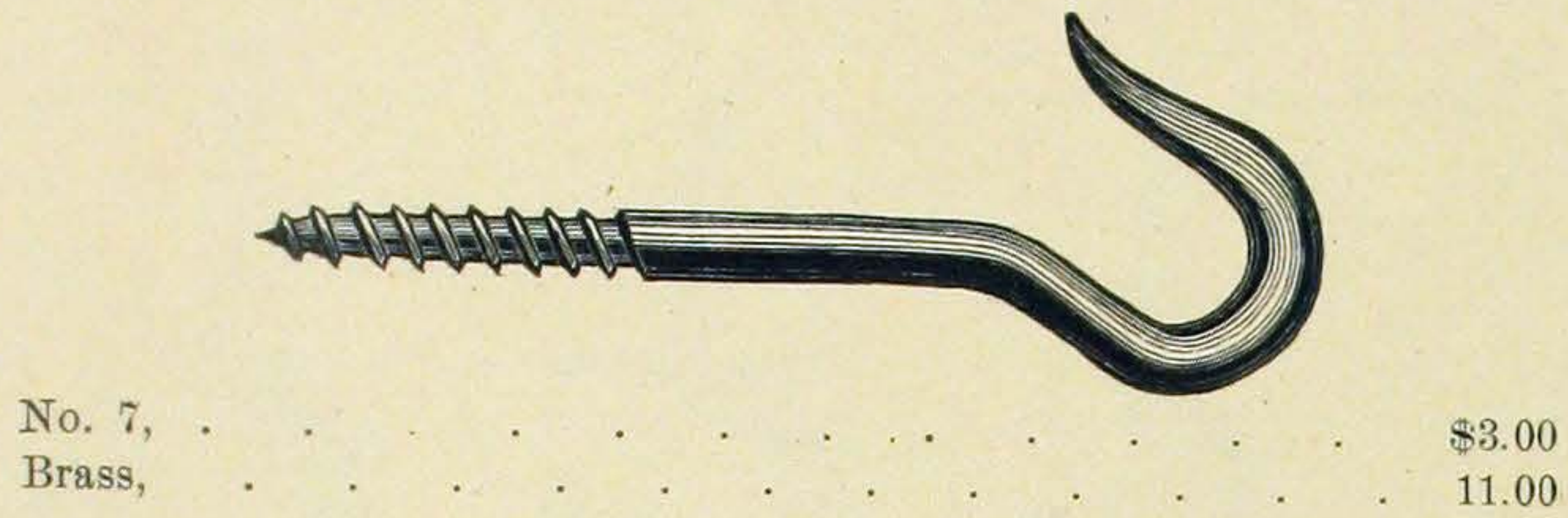
No. 0, \$12.00.

Packed, half gross in a box.

BRIGHT IRON AND BRASS WIRE SCREW HOOKS.

SHARP GIMLET POINT.

CUTS FULL SIZE—PRICES PER GROSS.



Packed, No. 14 to No. 6, one gross in a box; balance, half gross in a box.

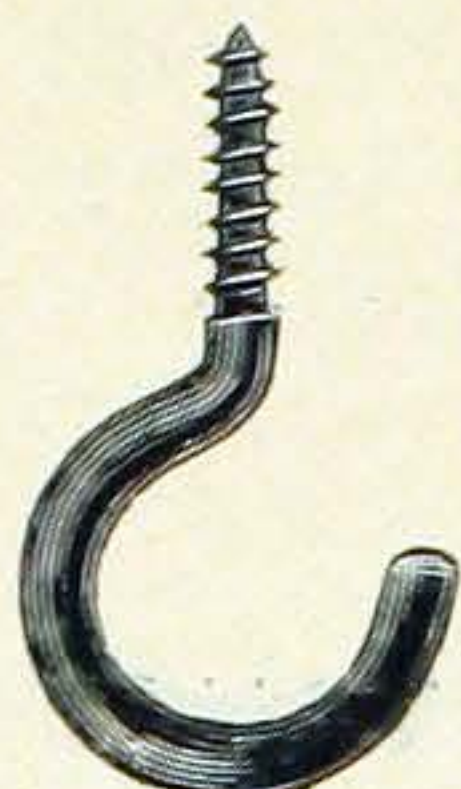
BRIGHT IRON AND BRASS WIRE BLUNT SCREW HOOKS.

SHARP GIMLET POINT.

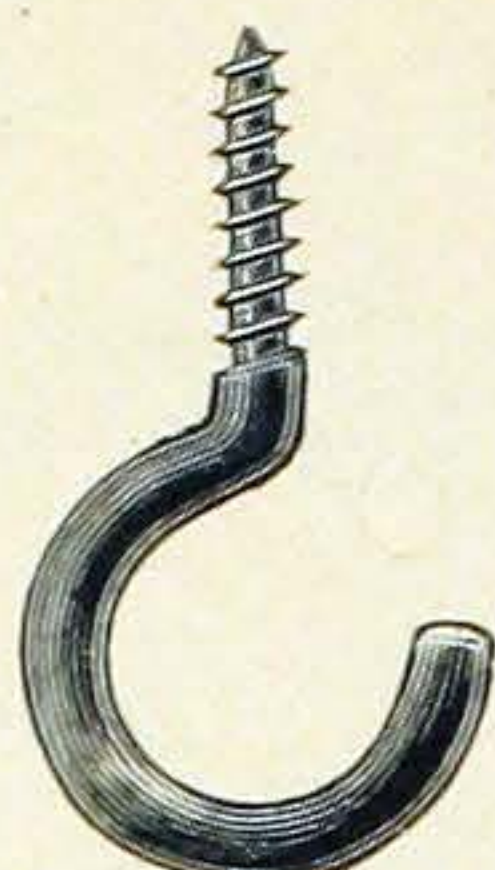
CUTS FULL SIZE—PRICES PER GROSS.



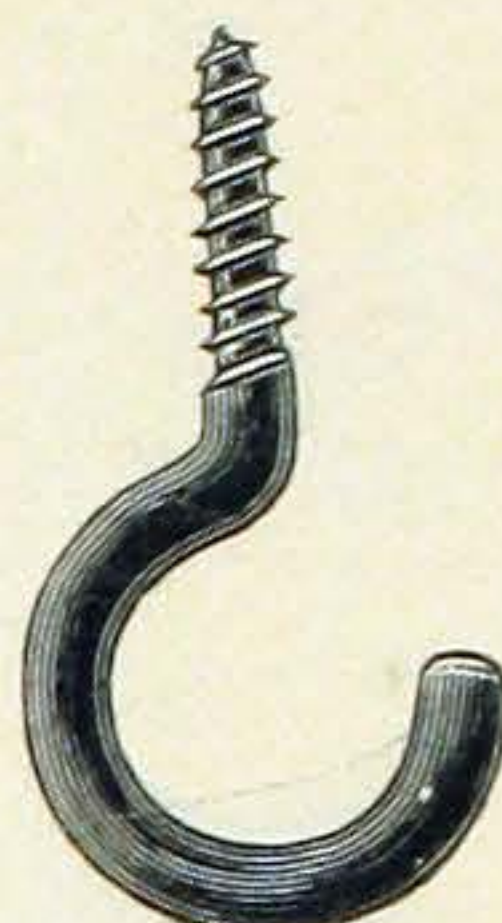
No. 14, \$1.60
Brass, 2.75



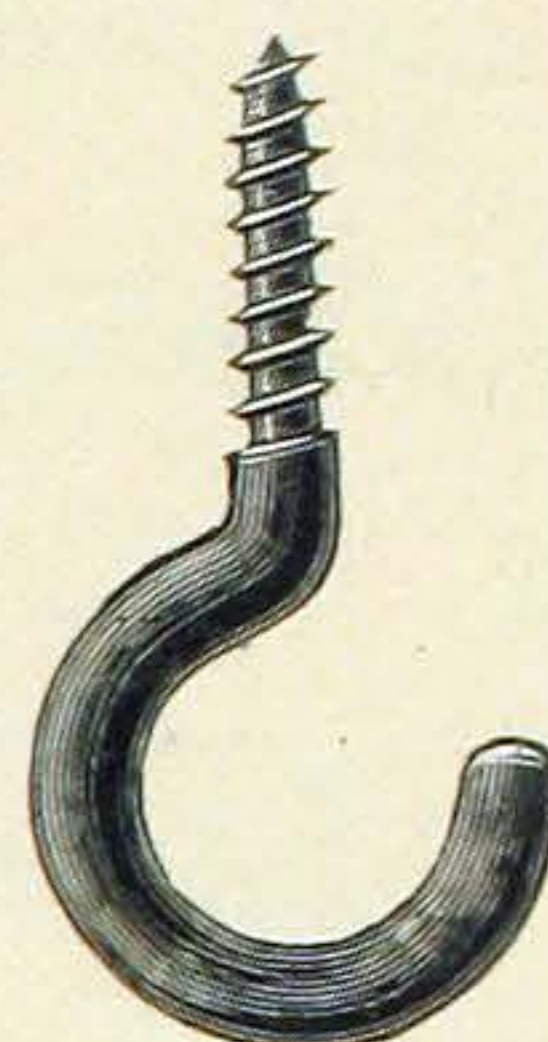
No. 13, \$1.70
Brass, 3.00



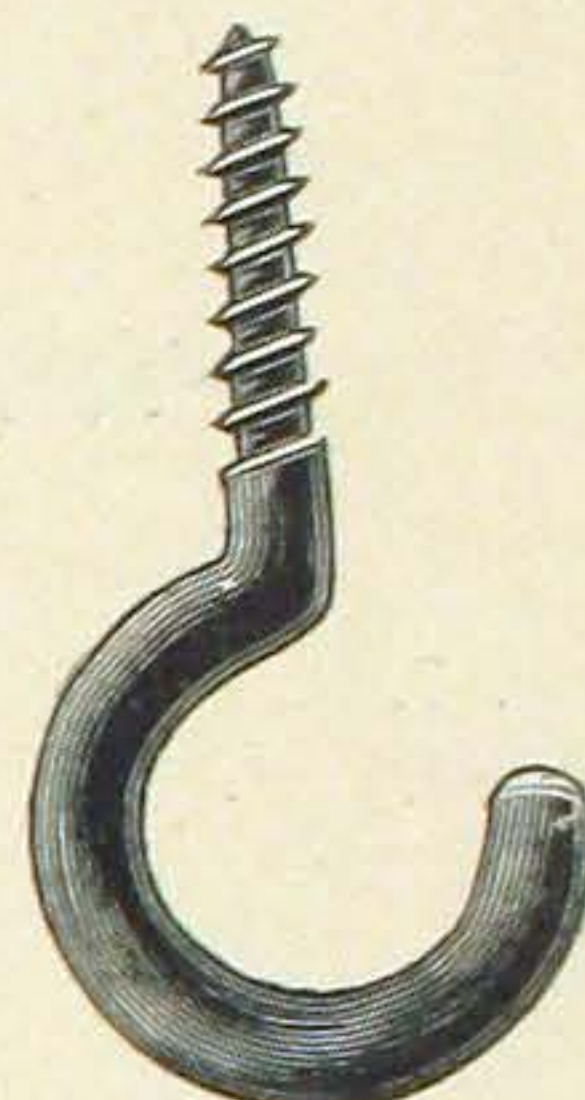
No. 12, \$1.80
Brass, 3.50



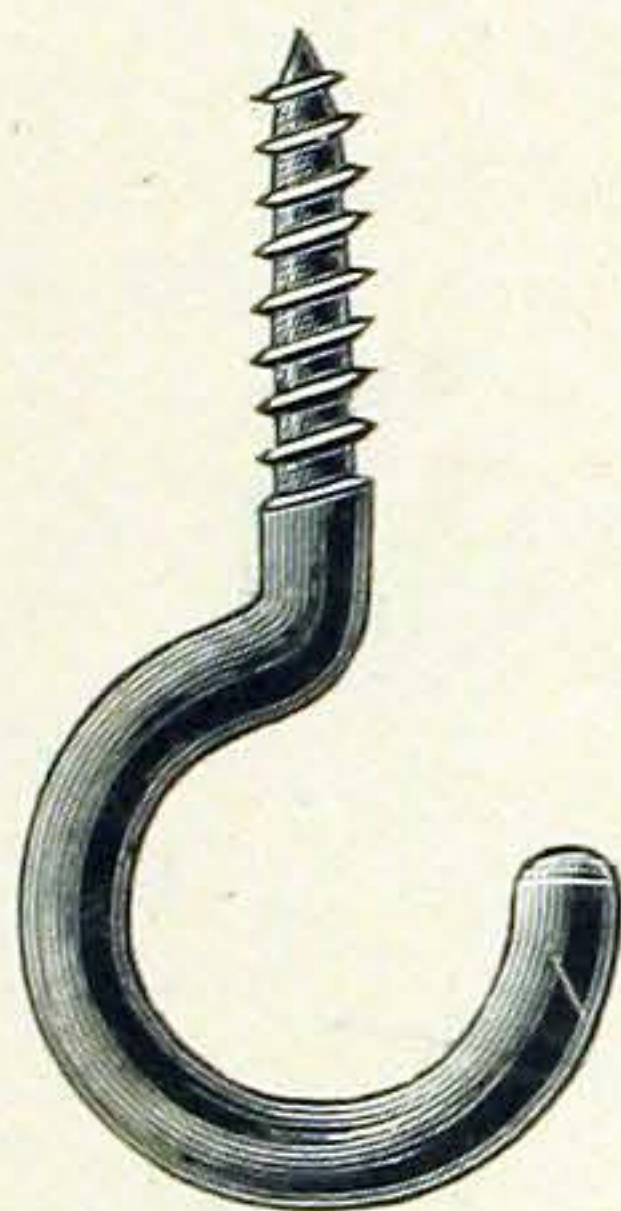
No. 11, \$2.00
Brass, 4.25



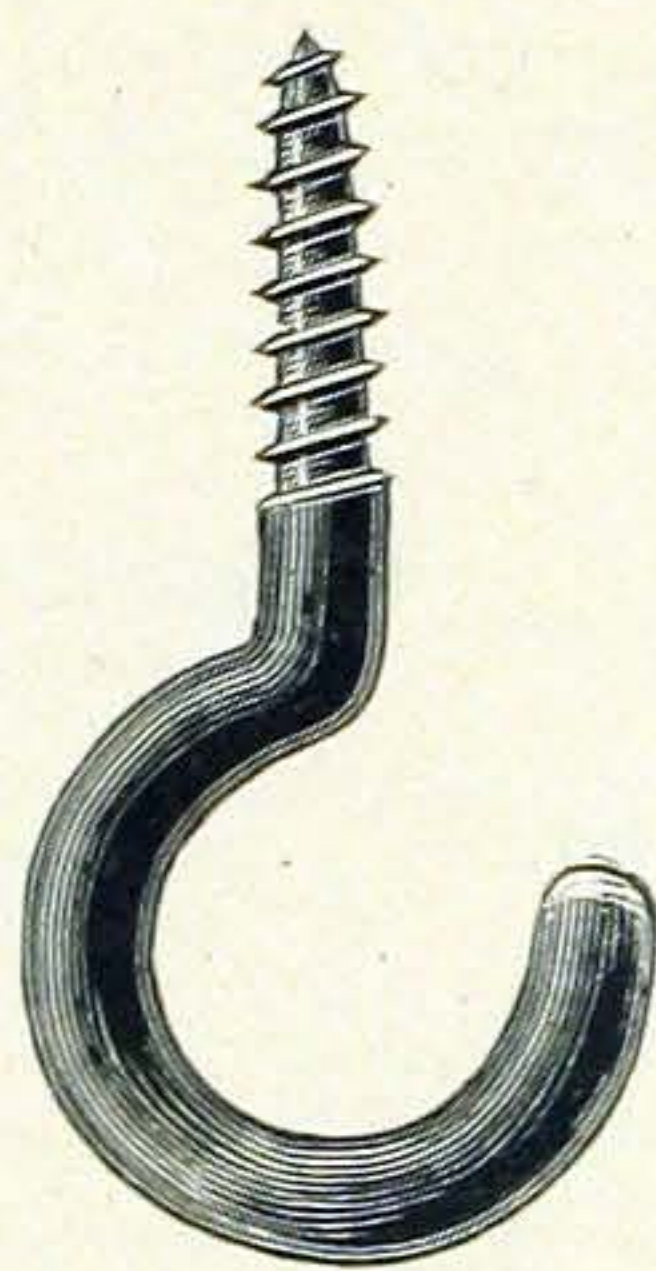
No. 10, \$2.25
Brass, 5.25



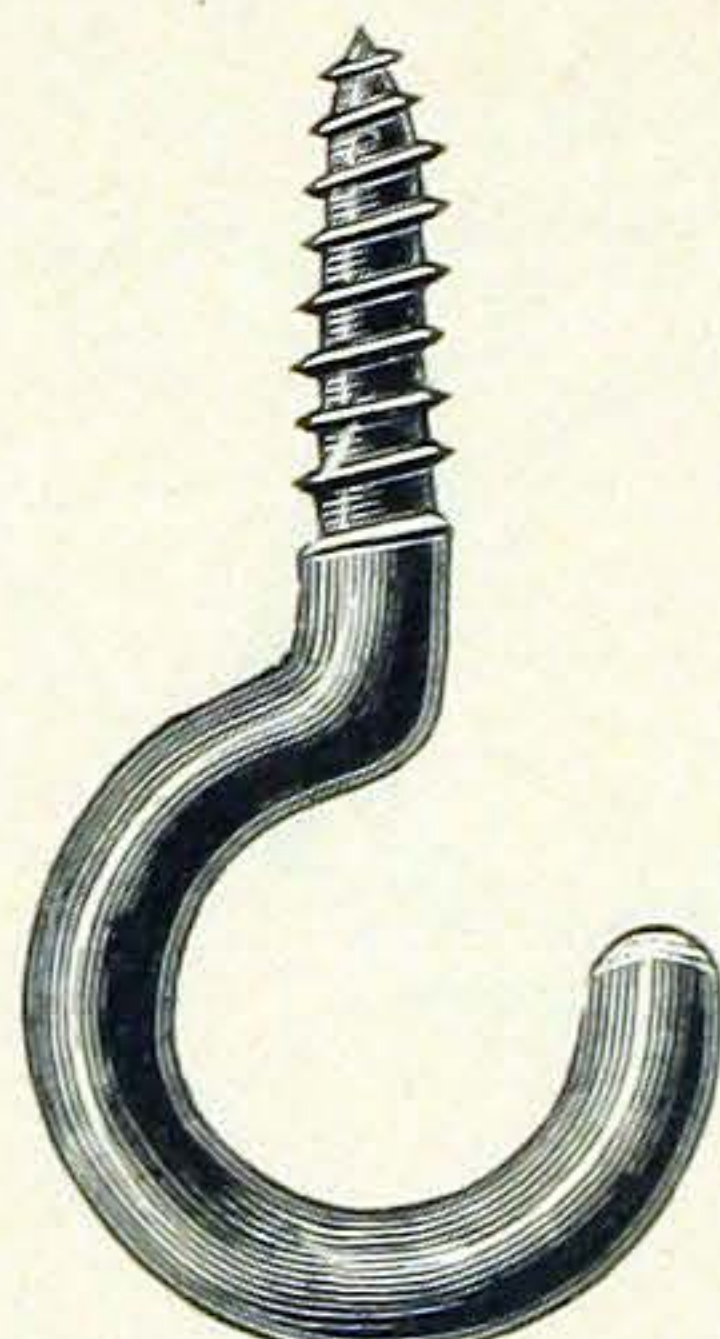
No. 9, \$2.50
Brass, 6.50



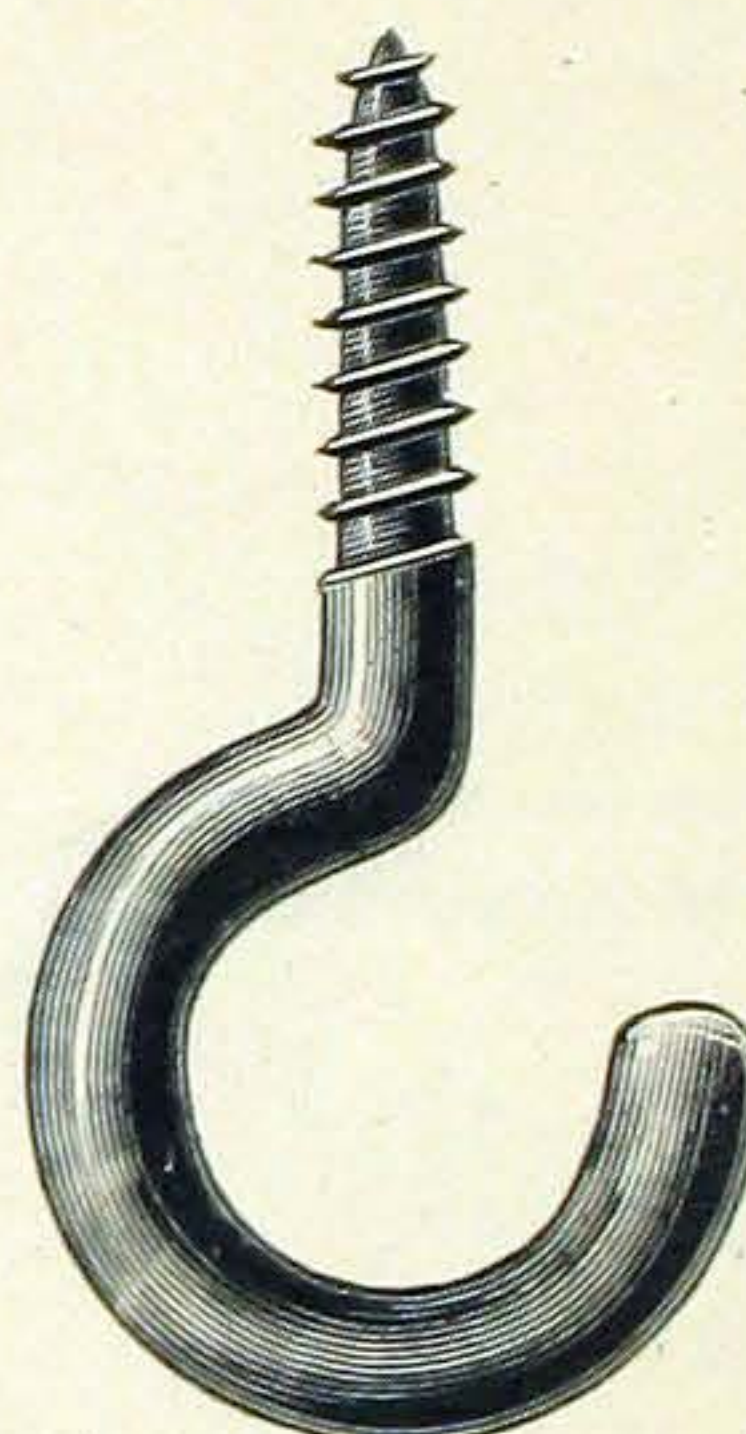
No. 8, \$2.75
Brass, 8.00



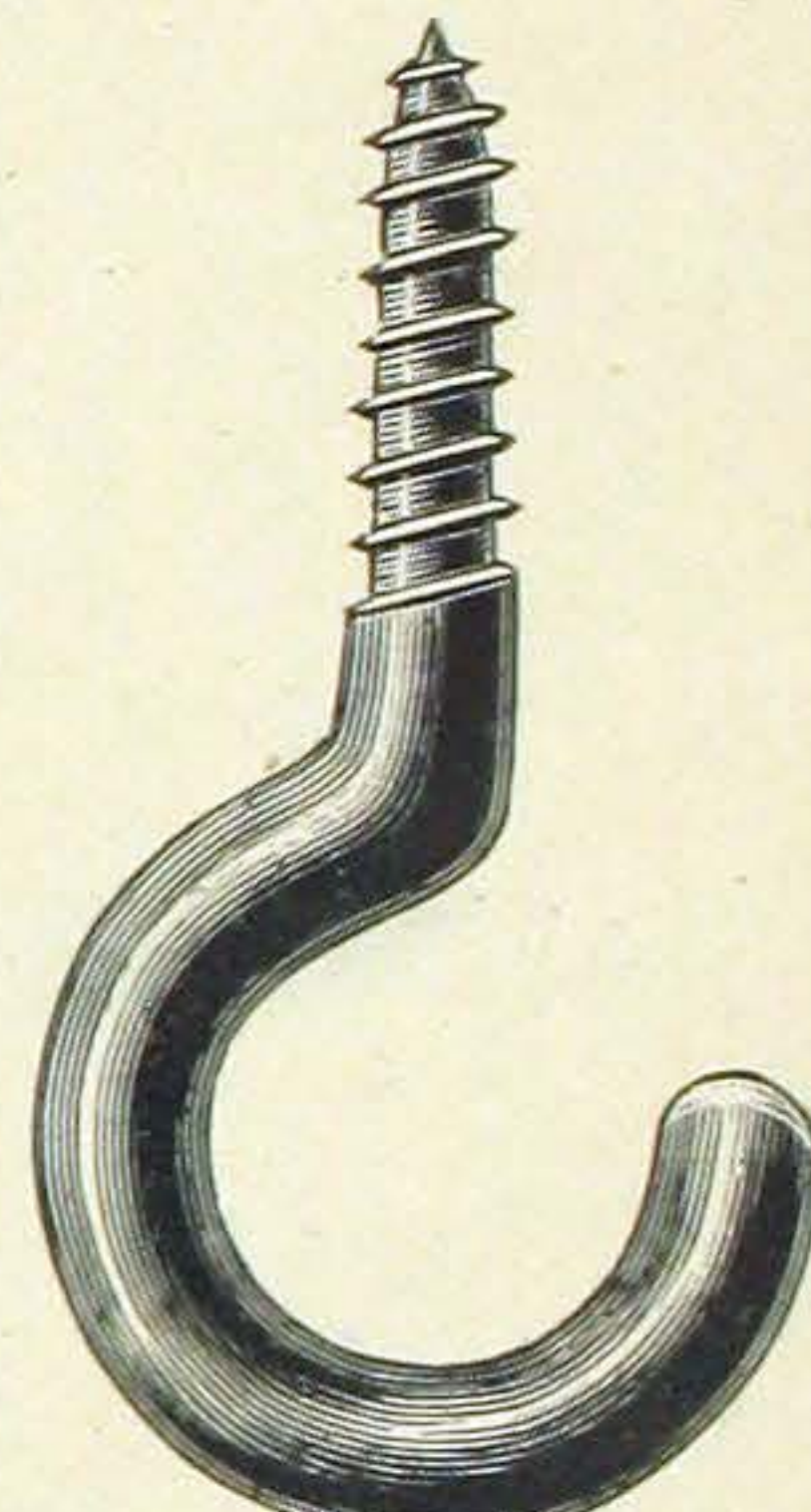
No. 7, \$3.00
Brass, 11.00



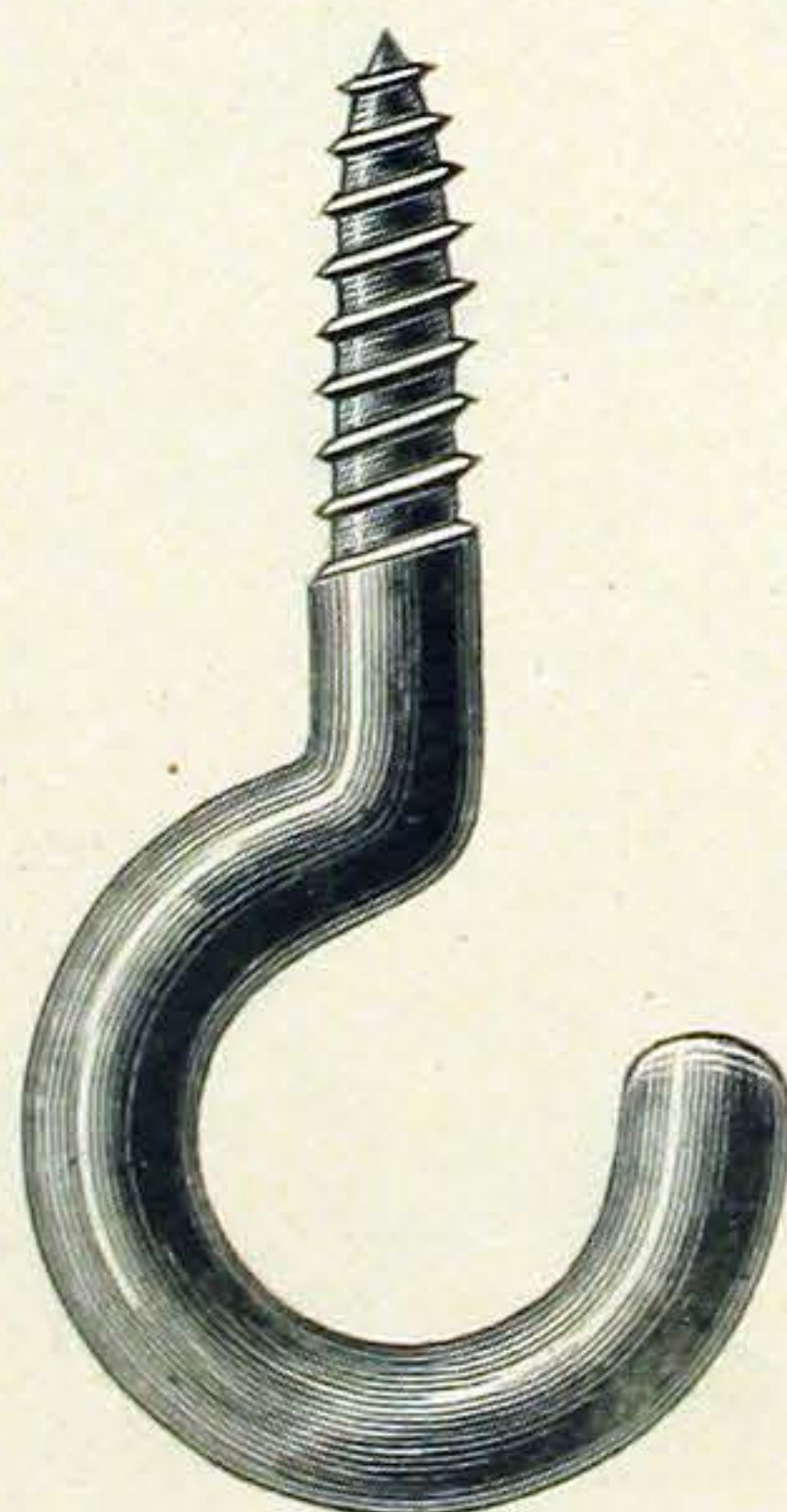
No. 6, \$4.00
Brass, 15.00



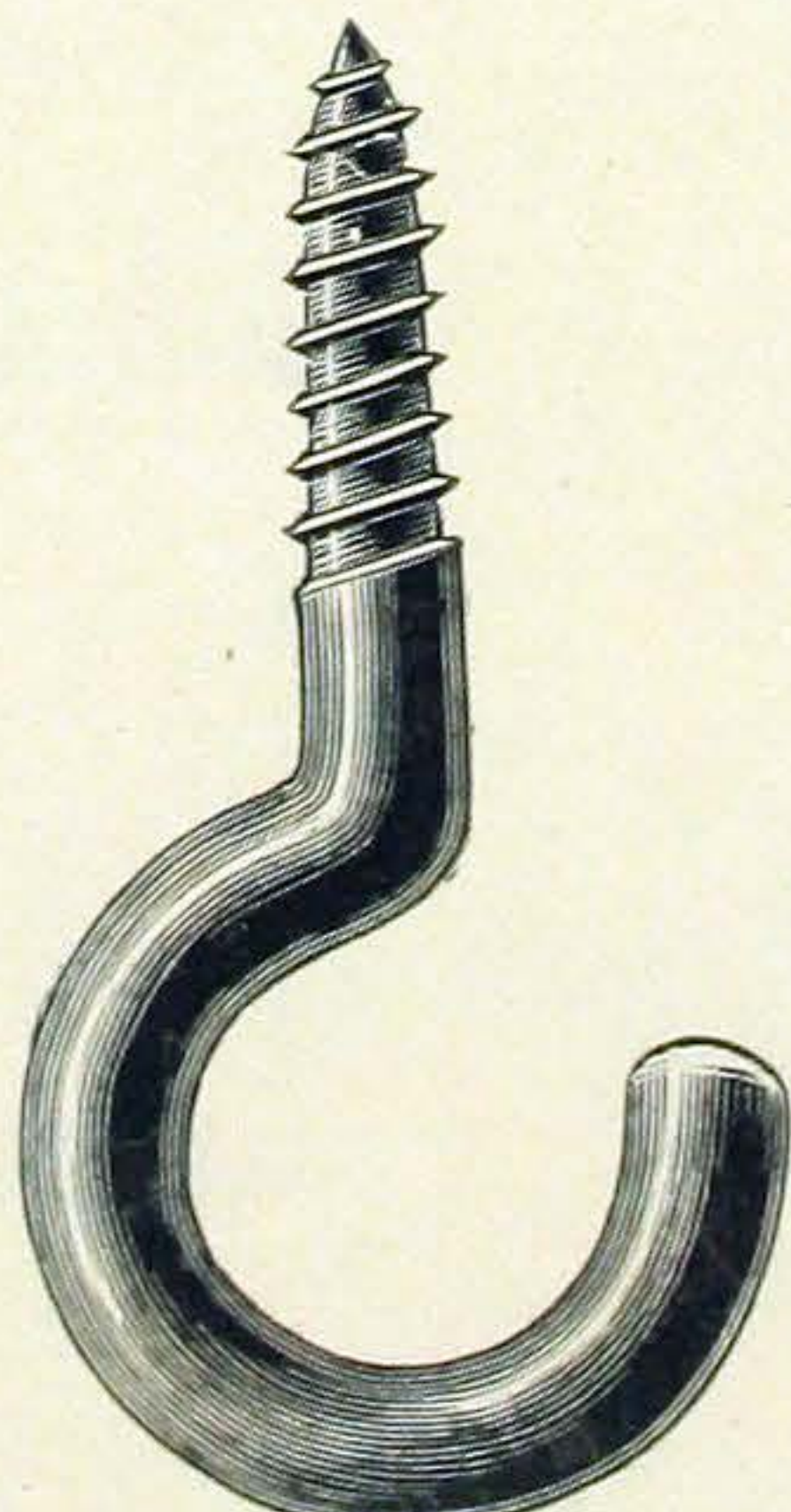
No. 5, \$5.00
Brass, 18.50



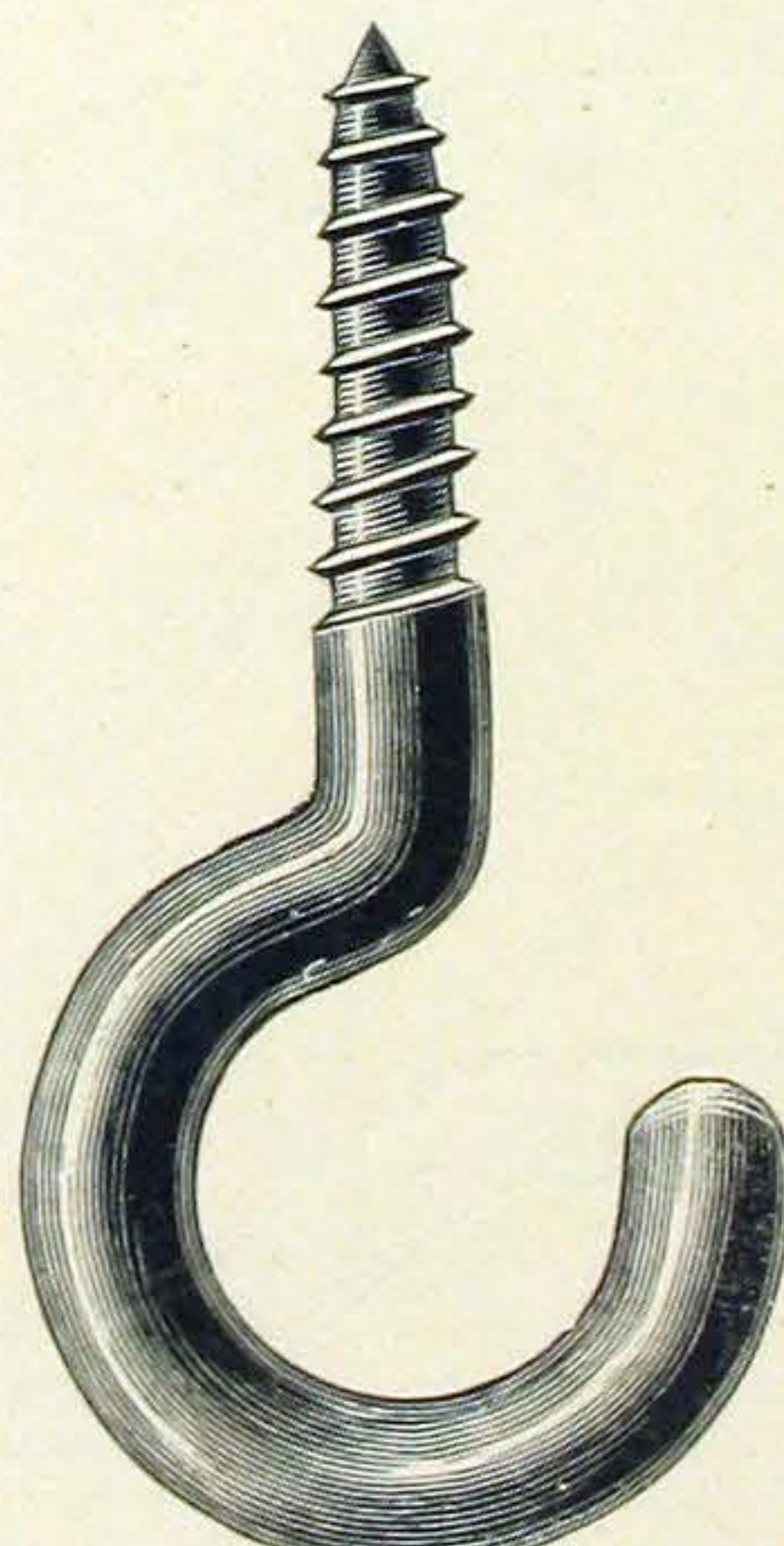
No. 4, \$6.00
Brass, 22.00



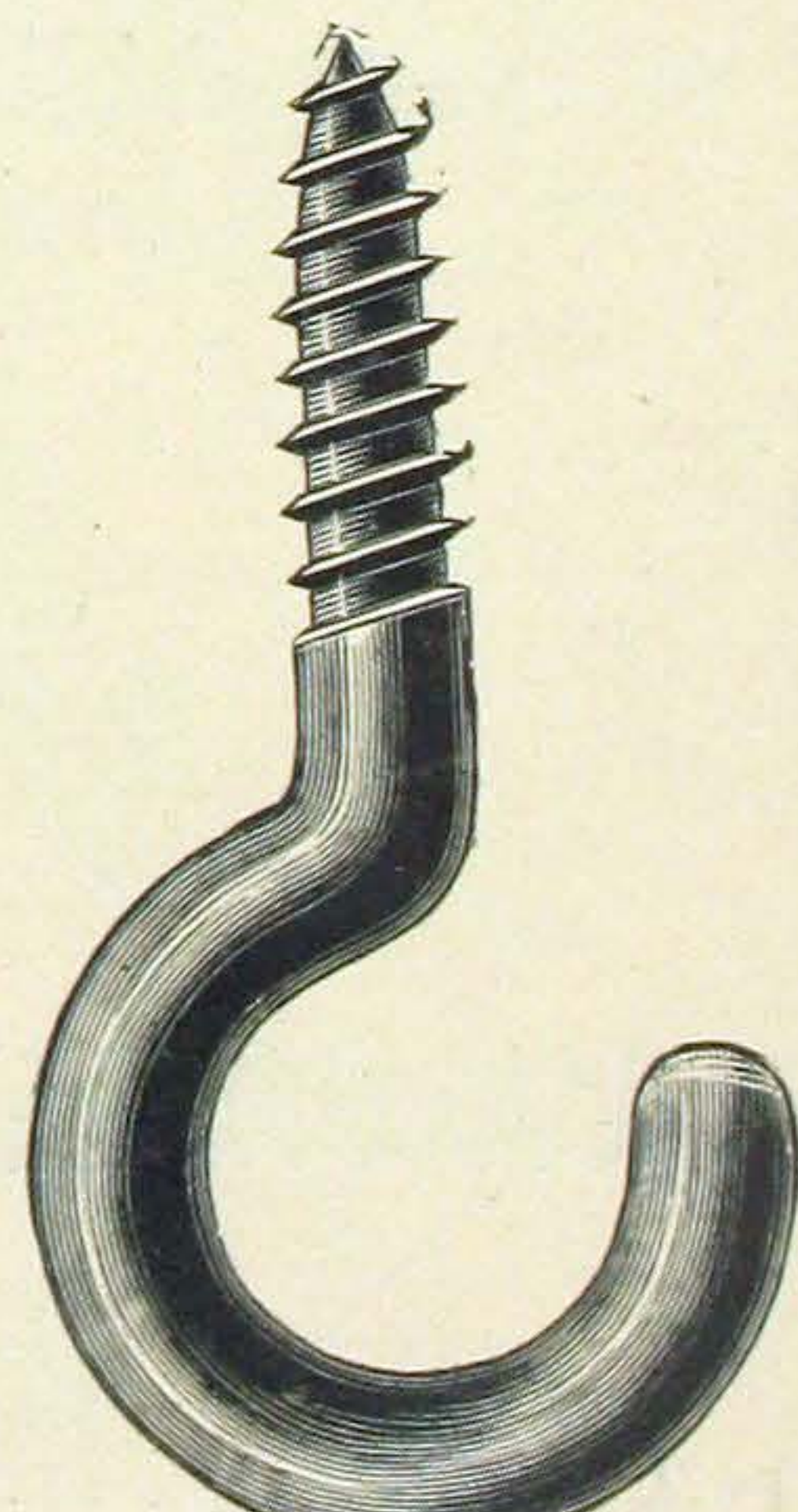
No. 3, \$7.00



No. 2, \$8.00



No. 1, \$10.00



No. 0, \$12.00

Packed, Nos. 0, 1, 2, 3, 4 and 5, one-half gross in a box; balance, one gross.

BRIGHT IRON AND BRASS WIRE STRAIGHT HOOKS.

SHARP GIMLET POINT.

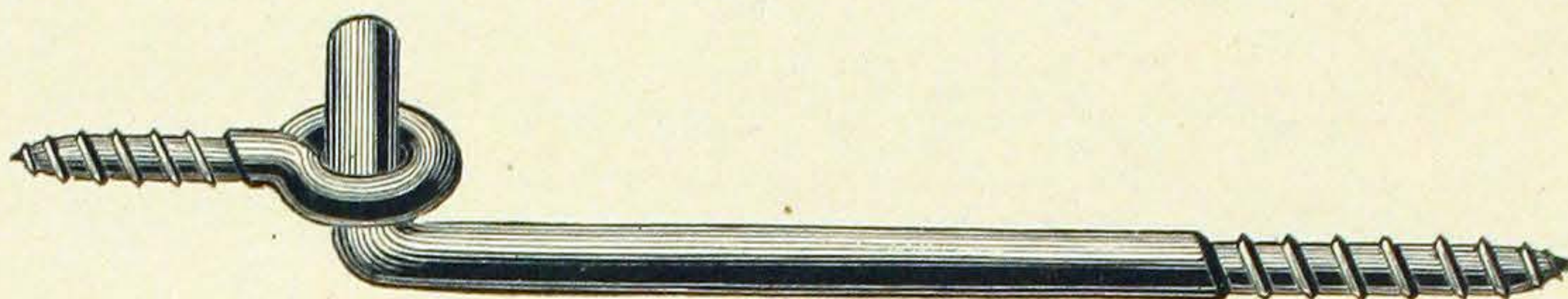
CUTS FULL SIZE—PRICES PER GROSS.

No. 114, Brass,		\$1.60 2.75	No. 108, Brass,		\$2.75 8.00
No. 113, Brass,		\$1.70 3.00	No. 107, Brass,		\$3.00 11.00
No. 112, Brass,		\$1.80 3.50	No. 106, Brass,		\$4.00 15.50
No. 111, Brass,		\$2.00 4.25	No. 105, Brass,		\$5.00 18.50
No. 110, Brass,		\$2.25 5.25	No. 104, Brass,		\$6.00 22.00
No. 109, Brass,		\$2.50 6.50			

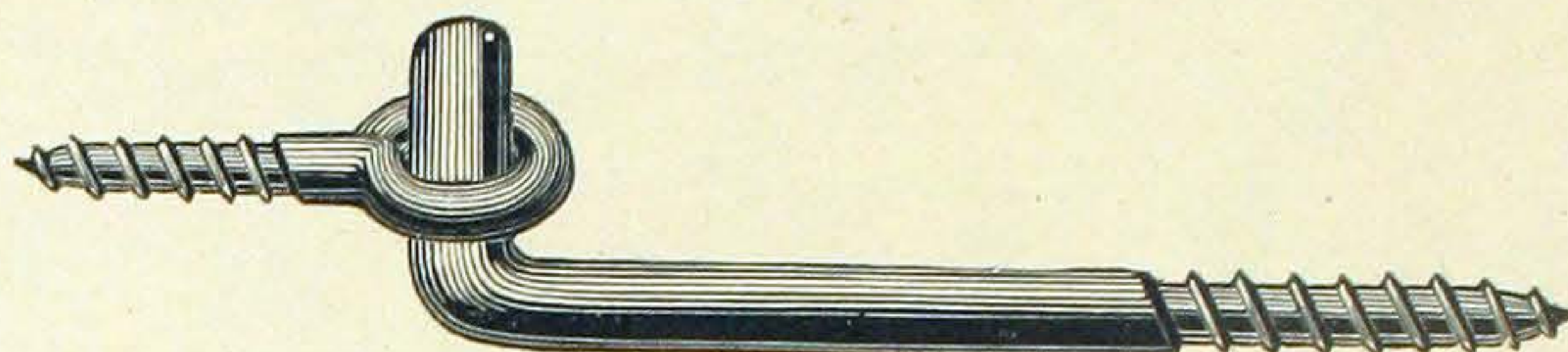
Packed one gross in a box.

BRIGHT WIRE CORNICE HOOKS AND EYES.

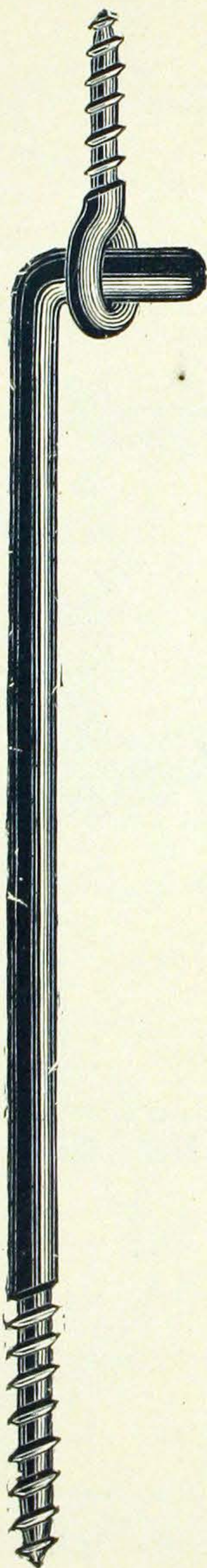
CUTS FULL SIZE—PRICES PER GROSS.



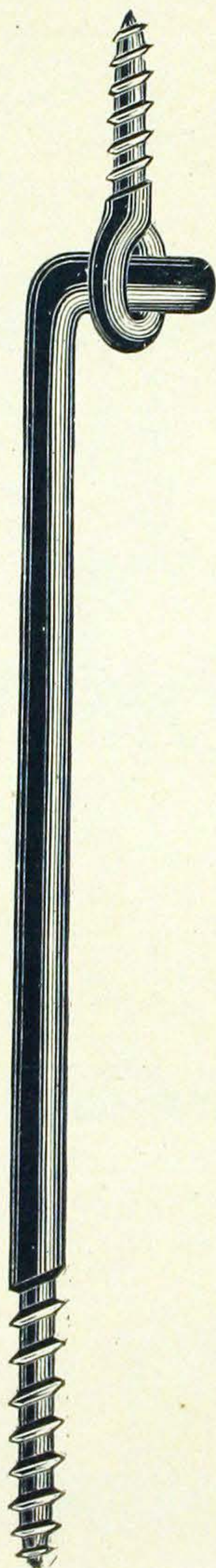
3 1/2 inch, \$8.00.



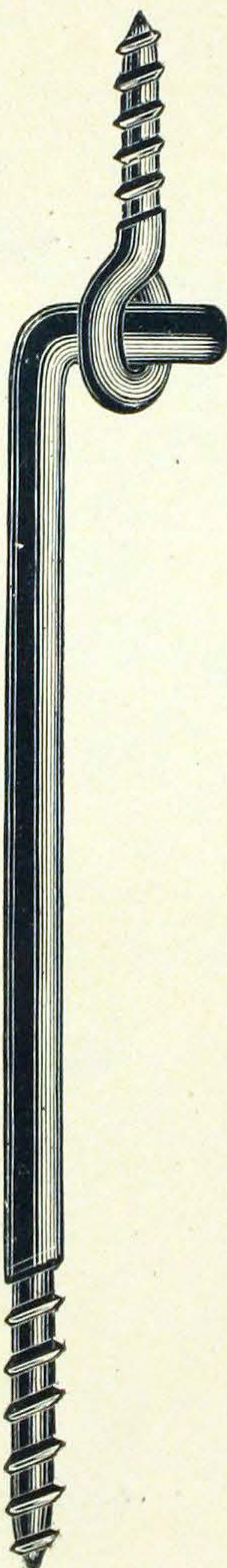
2 1/2 inch, \$7.00.



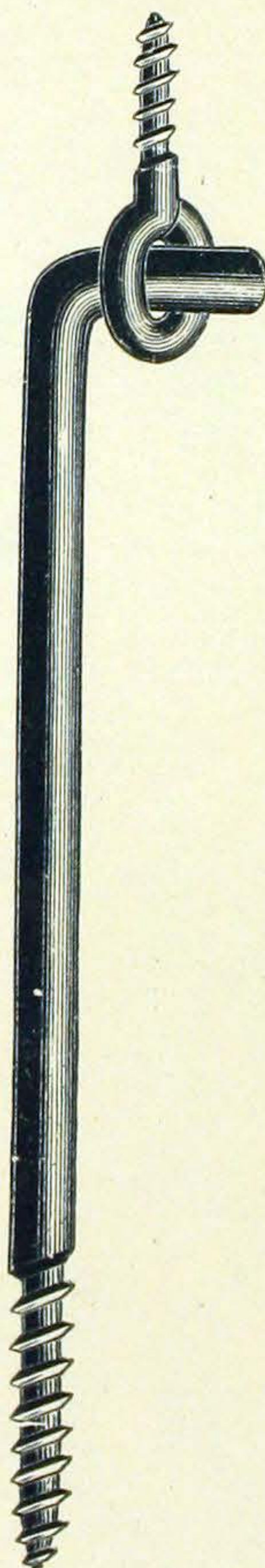
6 inch, \$12.00



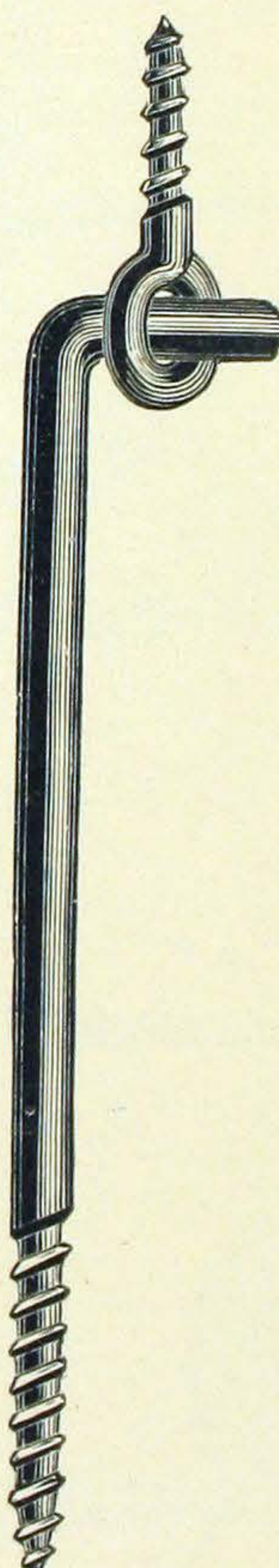
5 1/2 inch, \$11.00



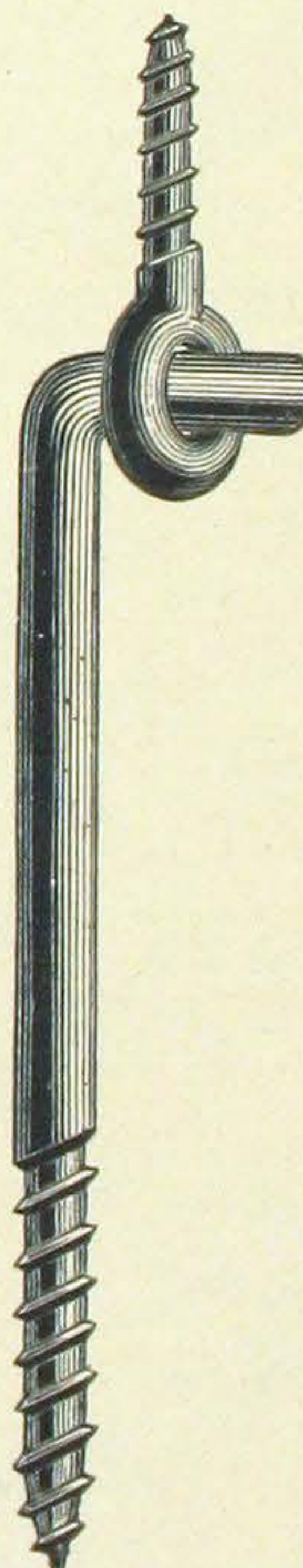
5 inch, \$10.00



4 1/2 inch, \$9.00



4 inch, \$8.50

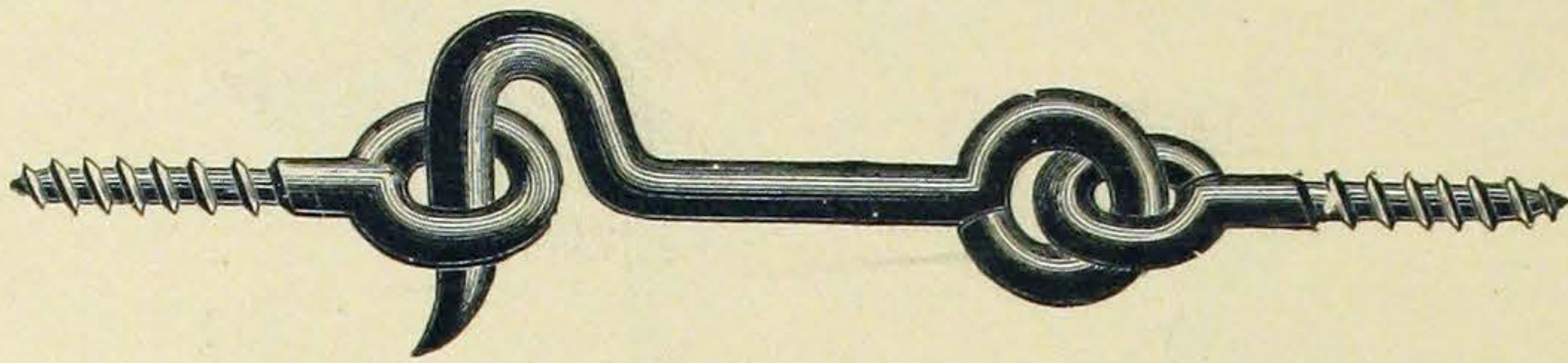


3 inch, \$7.50

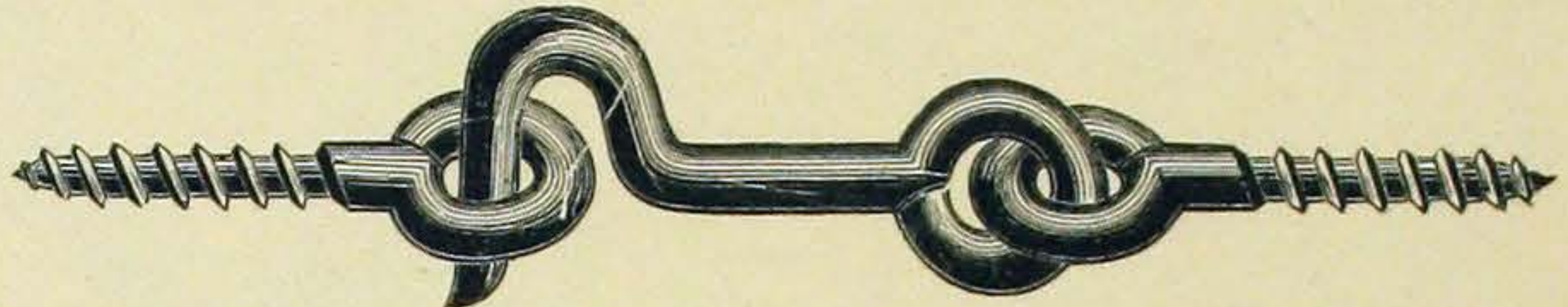
Packed half gross in a box.

BRIGHT IRON AND BRASS WIRE GATE HOOKS AND EYES.

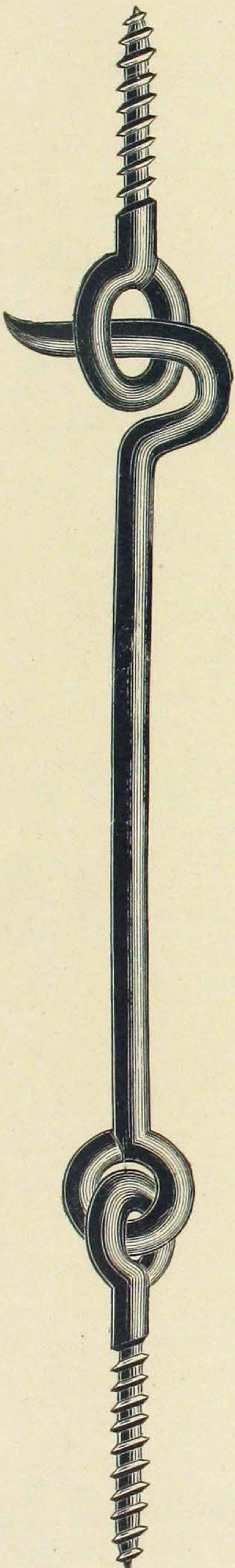
CUTS FULL SIZE—PRICES PER GROSS.



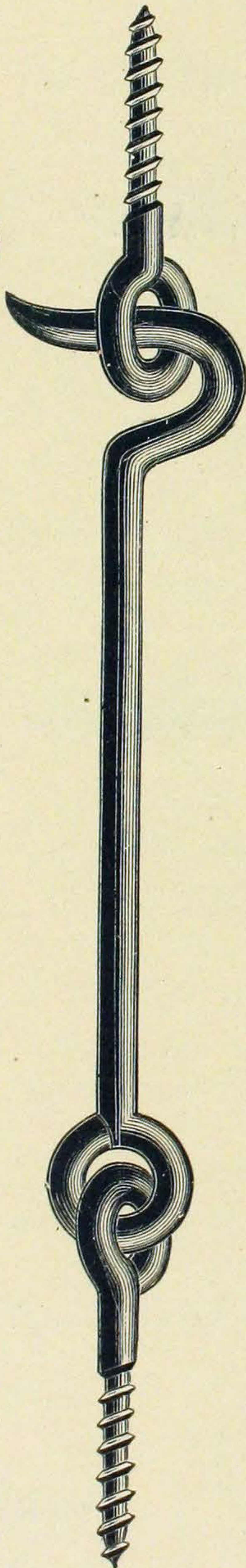
2 inch. \$7.50
Brass, 16.00



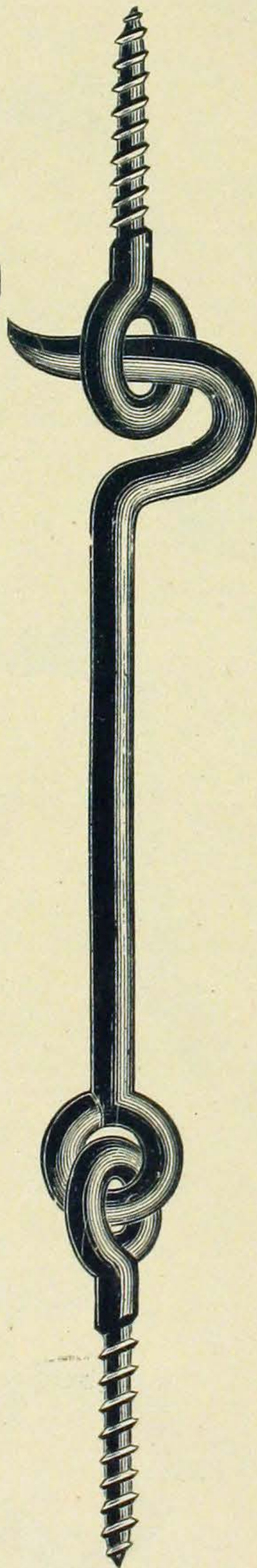
1 1/2 inch. \$6.50
Brass, 12.00



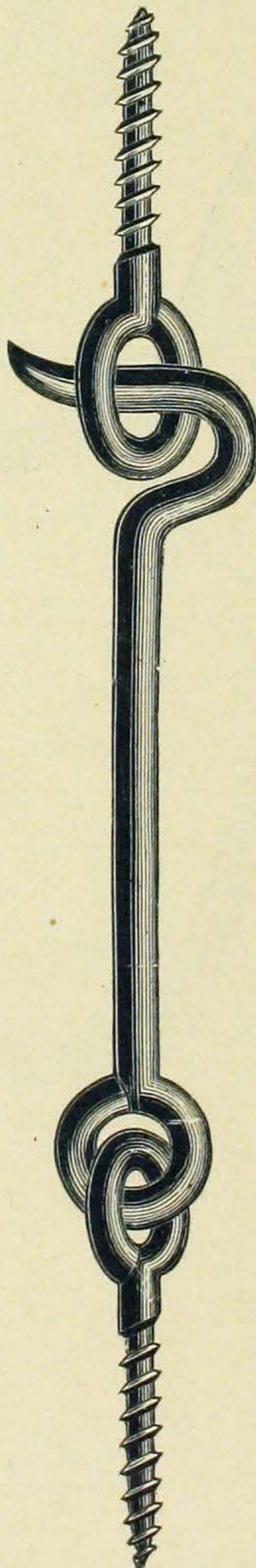
5 inch \$15.50
Brass, 55.00



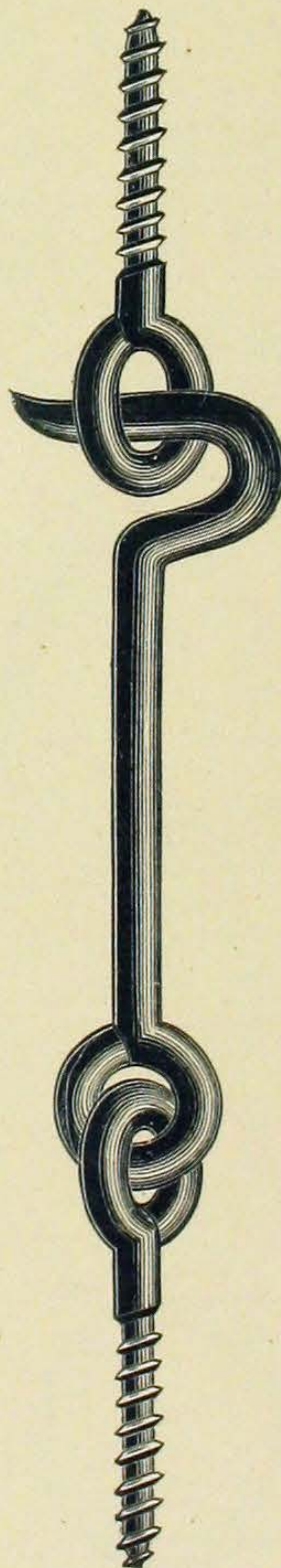
4 1/2 inch. \$14.00
Brass, 50.00



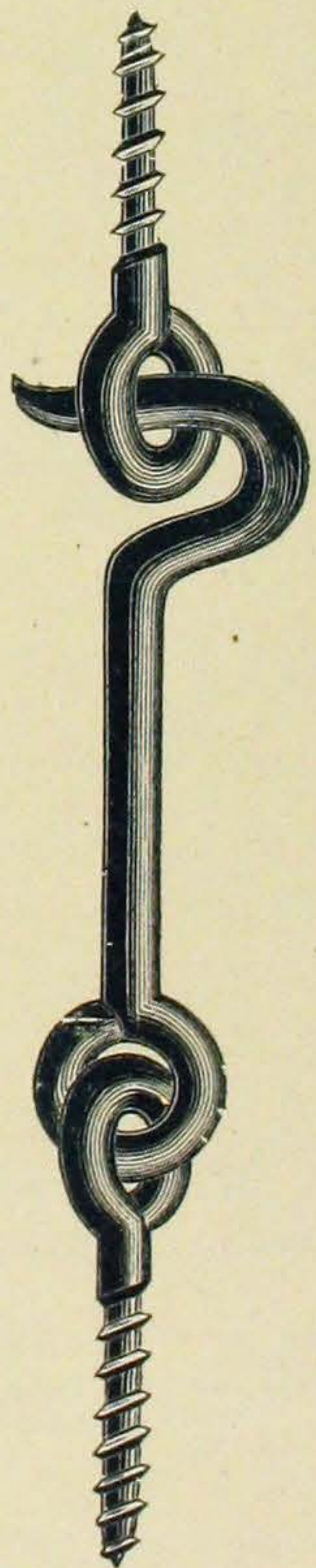
4 inch. \$12.50
Brass, 40.00



3 1/2 inch. \$11.50
Brass, 32.00



3 inch. \$10.00
Brass, 25.00

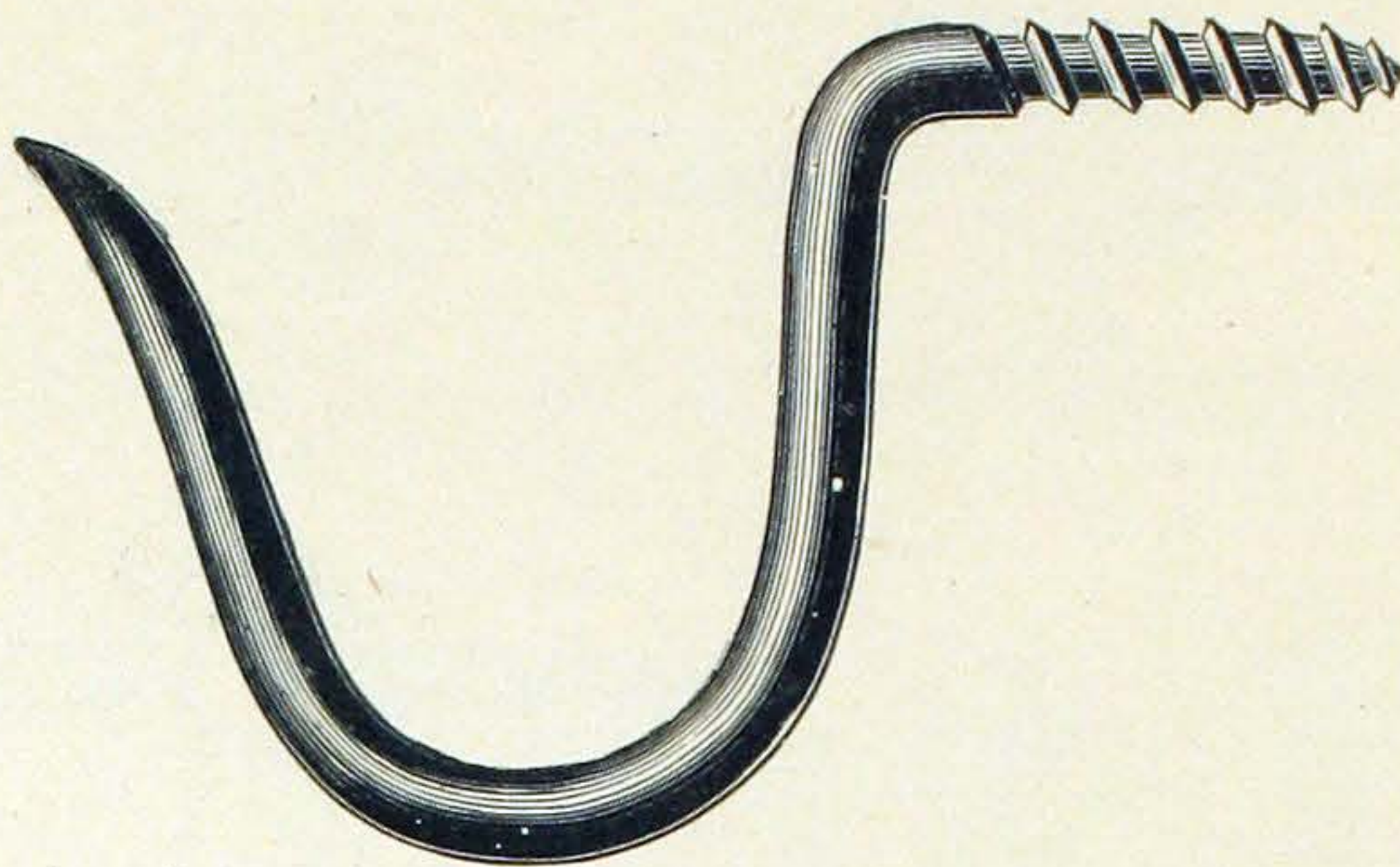


2 1/2 inch. \$8.50
Brass, 20.00

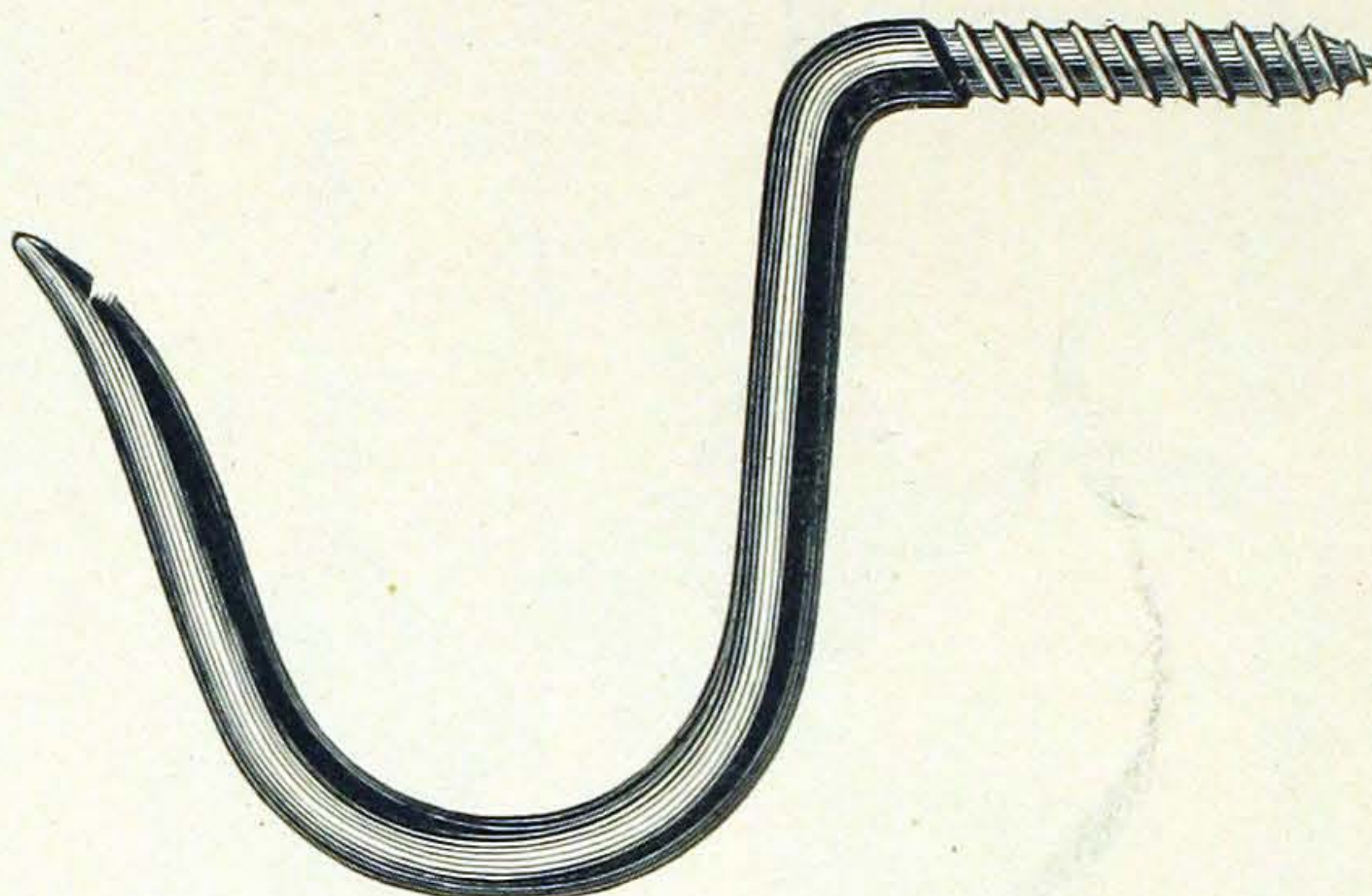
Packed, 2 1/2 to 6 inch, half gross in a box; 1 1/2 to 2 inch, one gross in box.

TINNED MEAT HOOKS, TO SCREW.

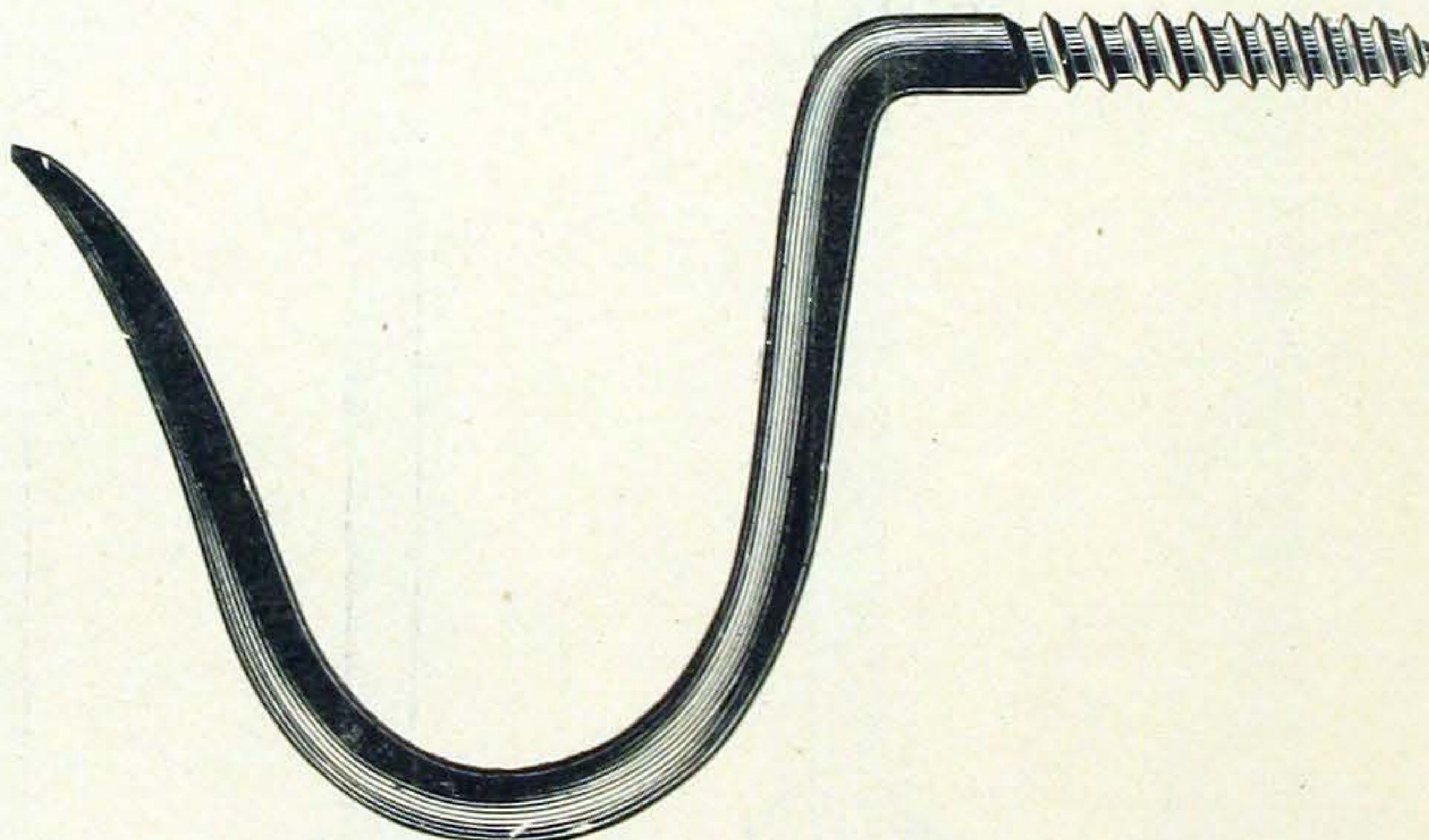
CUTS FULL SIZE—PRICES PER GROSS.



No. 5, . . . \$9.00.



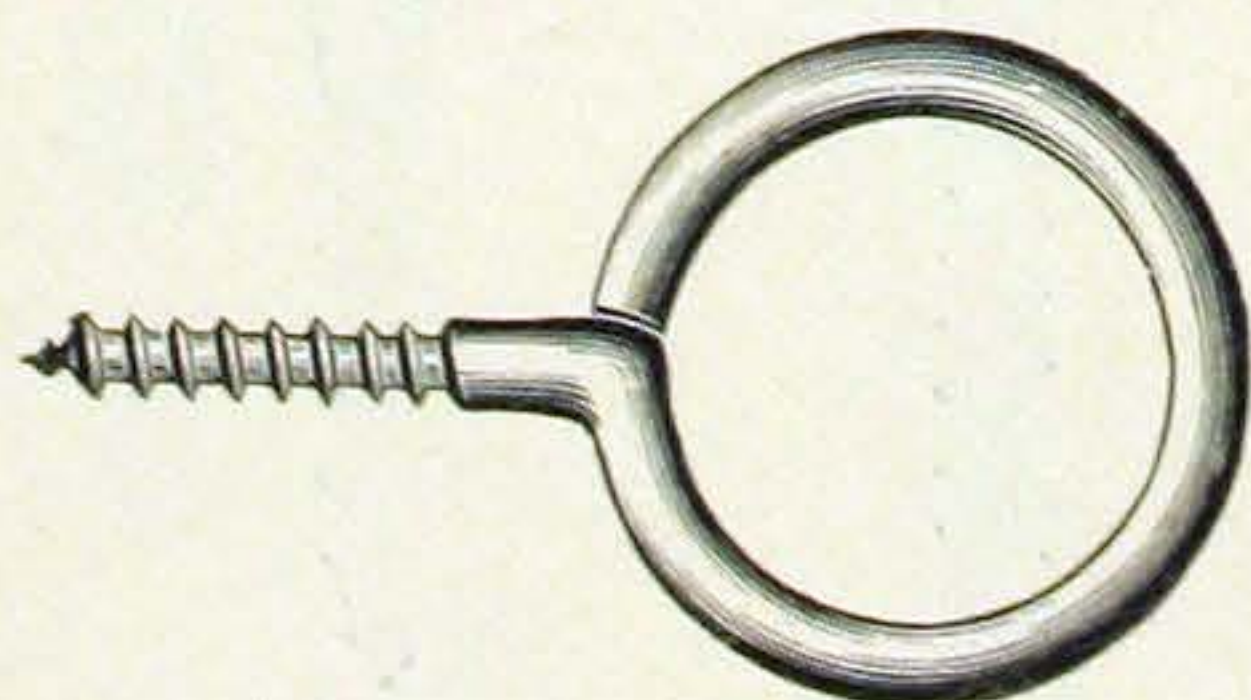
No. 4, . . . \$10.00.



No. 3, . . . \$12.00.

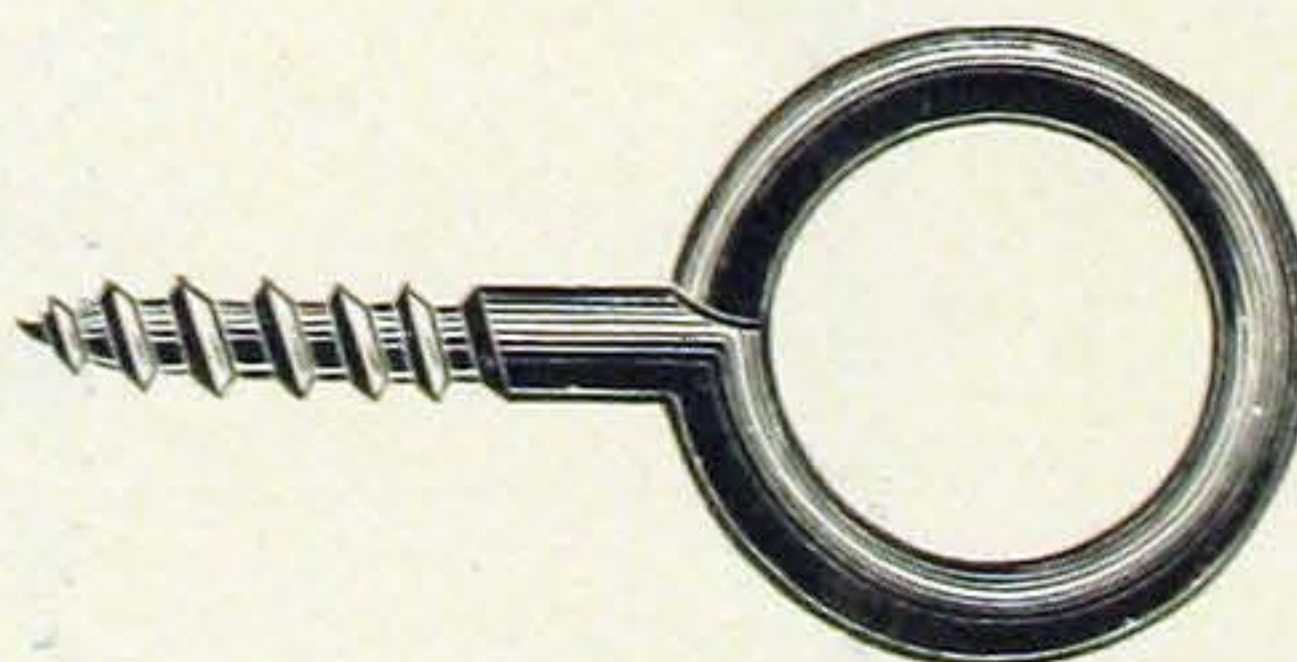
Packed half gross in a box.

STAIR ROD EYES.



Bright.	Bronzed.	Brass.
\$1.40.	\$2.00.	\$8.00.

BIRD CAGE EYES.



No. 18, \$2 70.
Brass, 8.00.

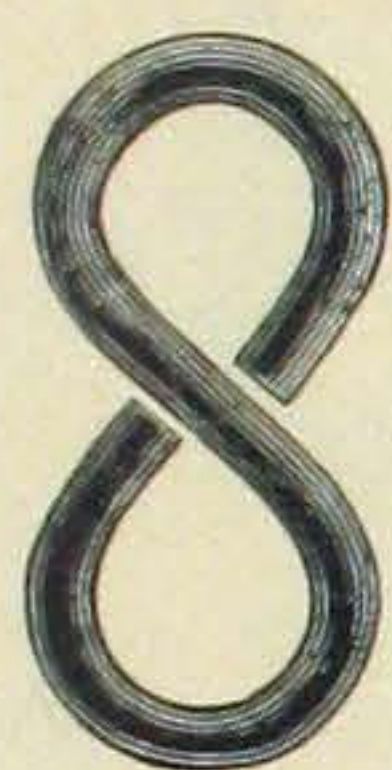


No. 218, \$2.20.
Brass, 5.50.

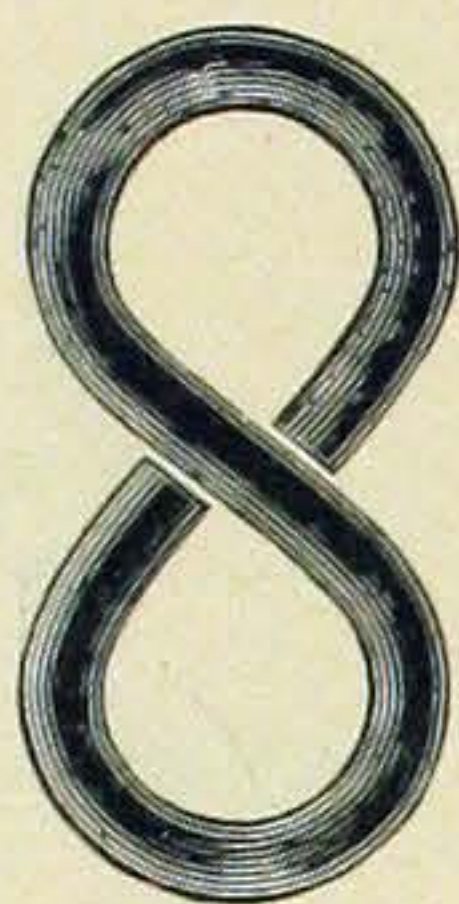
Packed one gross in a box.

WIRE "S" HOOKS.

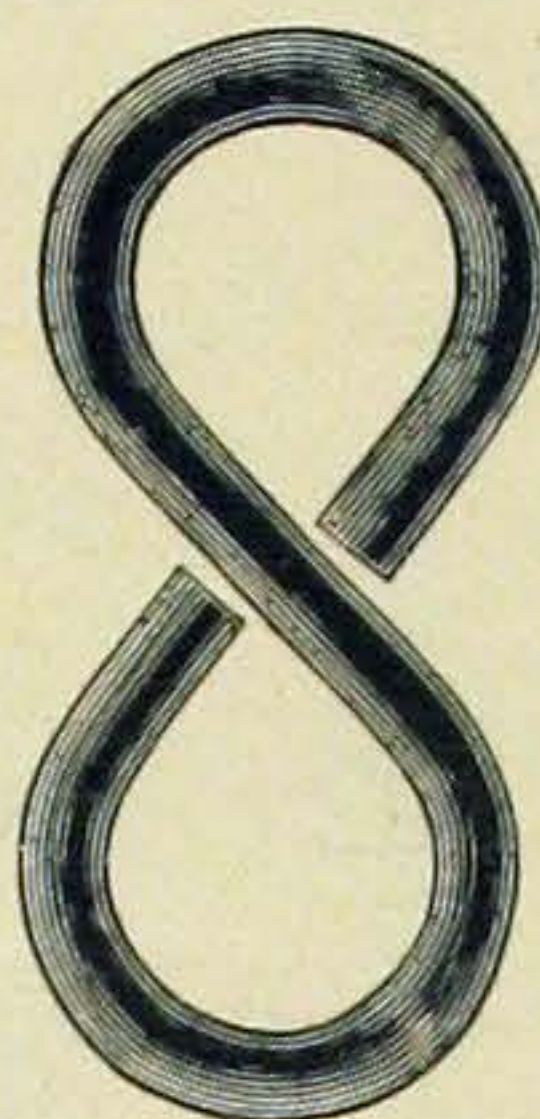
CUTS FULL SIZE.



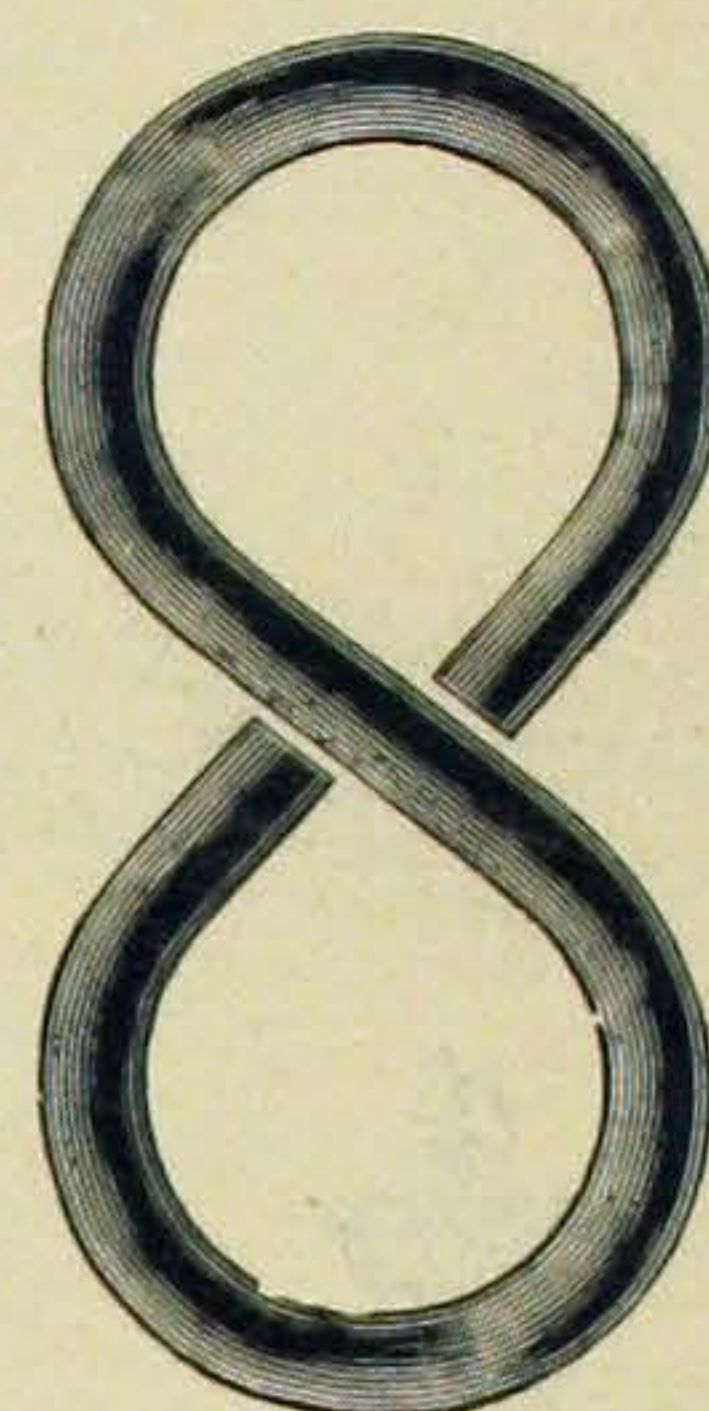
212.



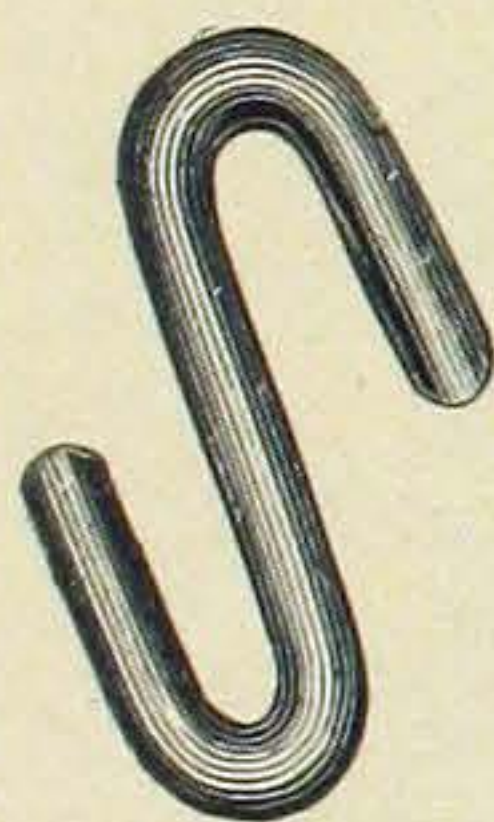
211.



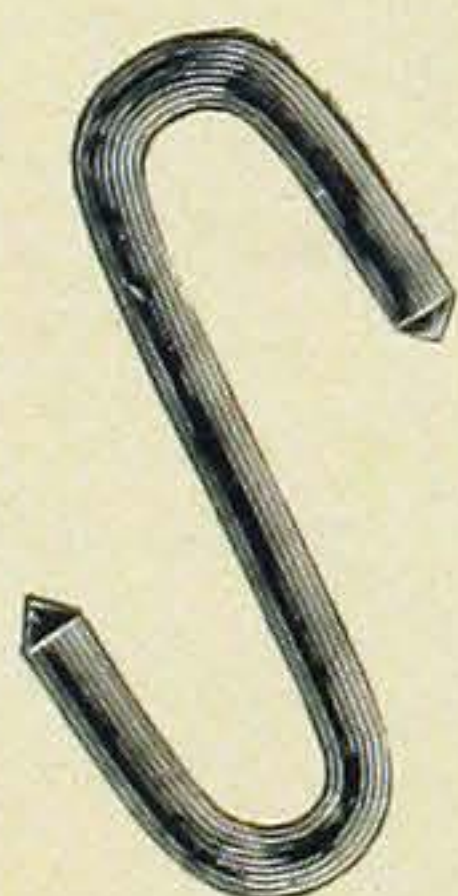
210.



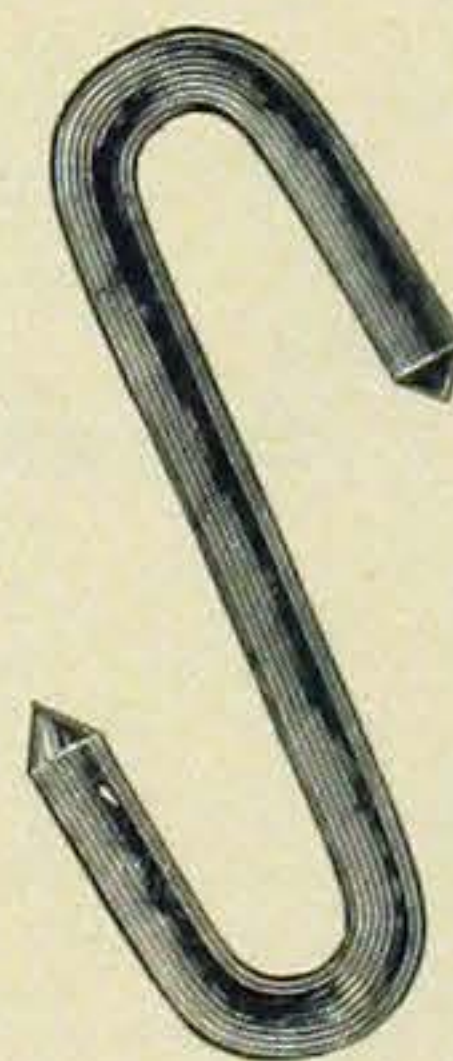
209.



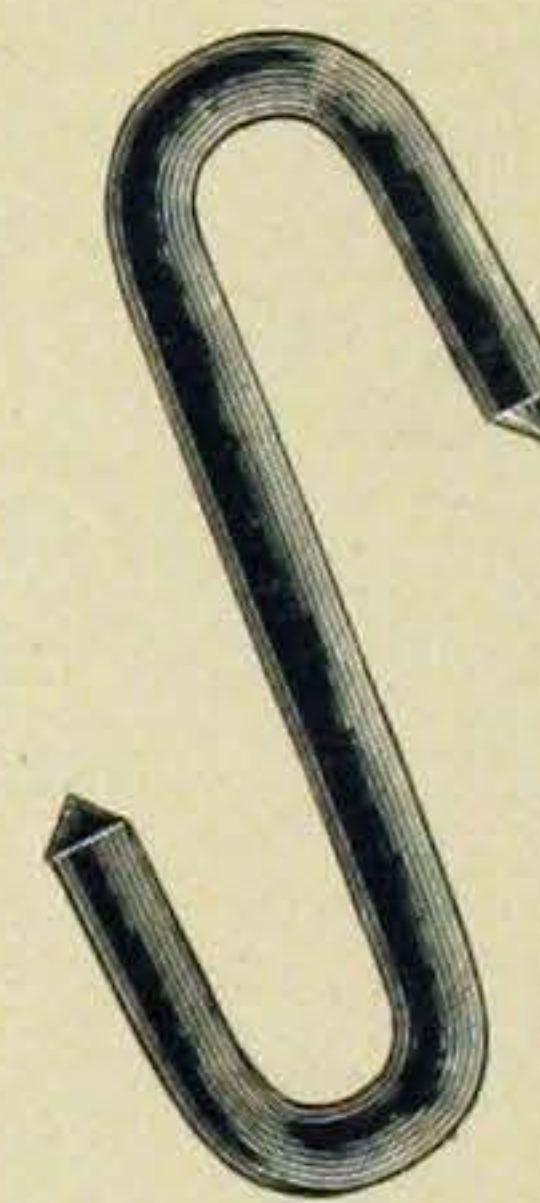
12.



312.



311.



310.

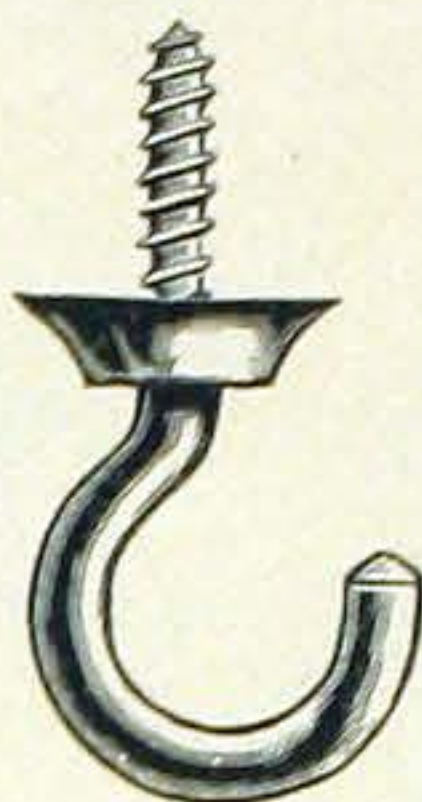
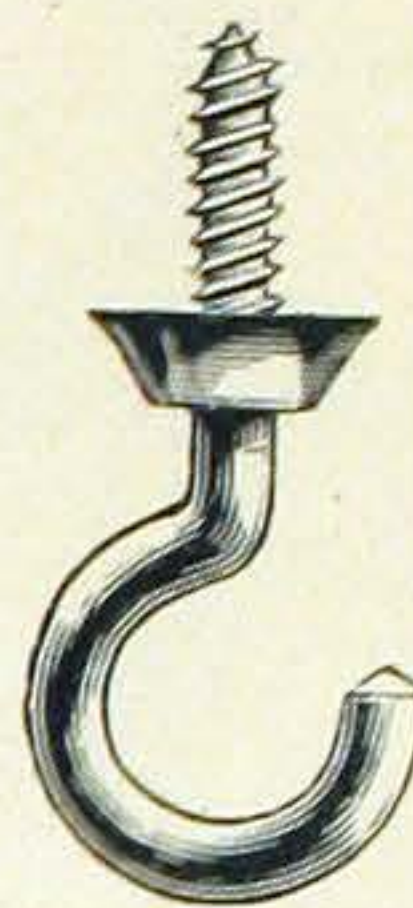
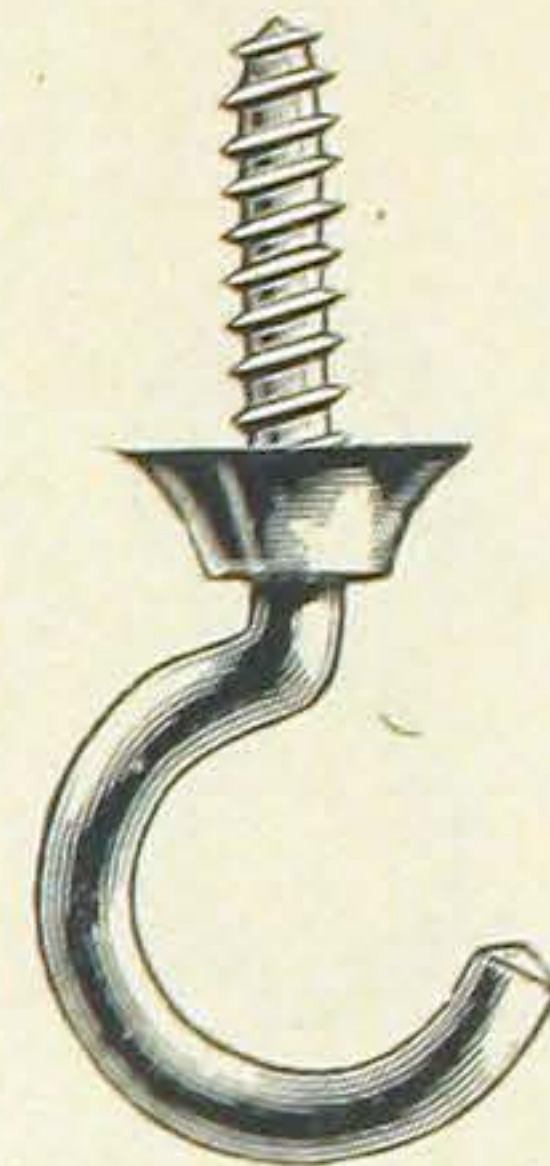
		Bright Iron.	Brass.
No. 212,		Per gross, \$1.80	Per gross, \$3.30
" 211,		" 2.10	" 4.20
" 210,		" 2.40	" 5.40
" 209,		" 2.85	" 7.20
" 12,		" 1.25	" 2 25
" 312,		" 1.40	" 2.40
" 311,		" 1.55	" 3.00
" 310,		" 1.75	" 3.60

Packed one gross in a box.

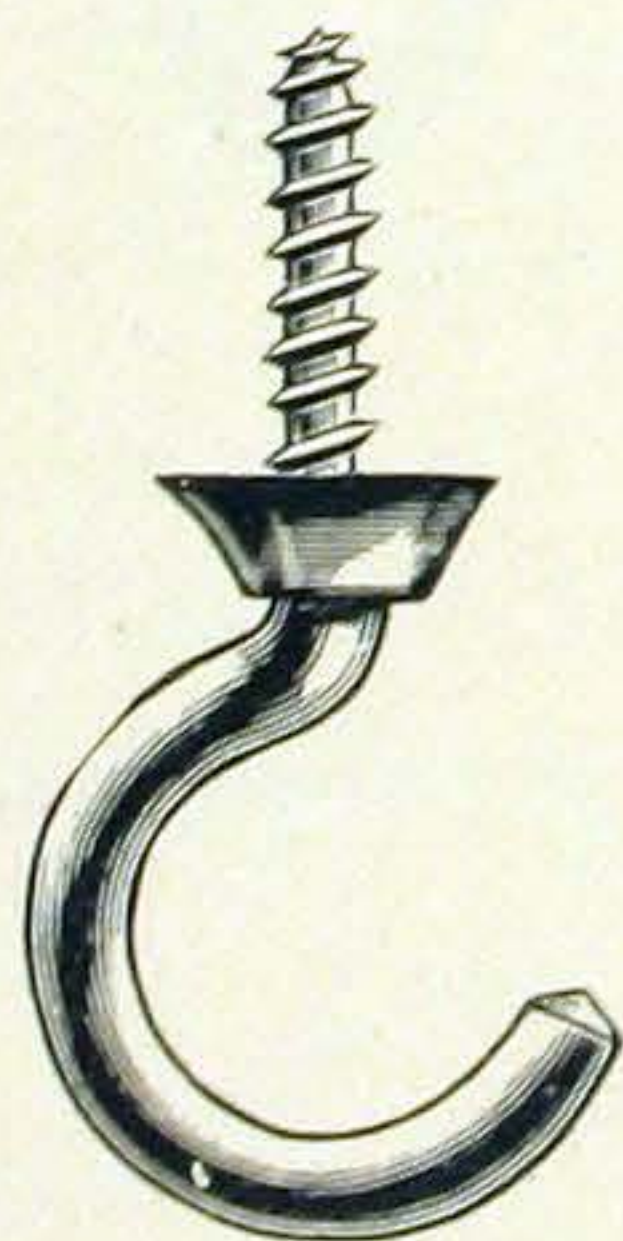
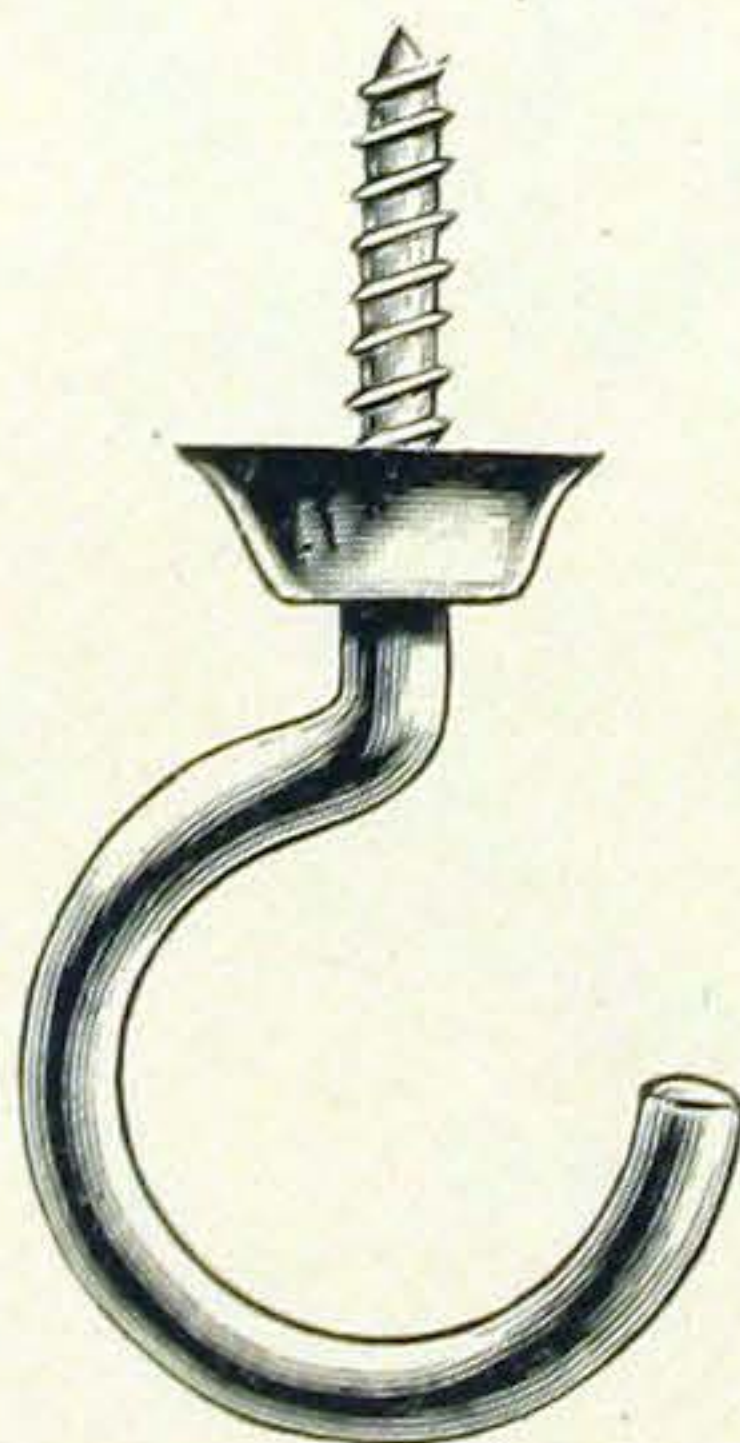
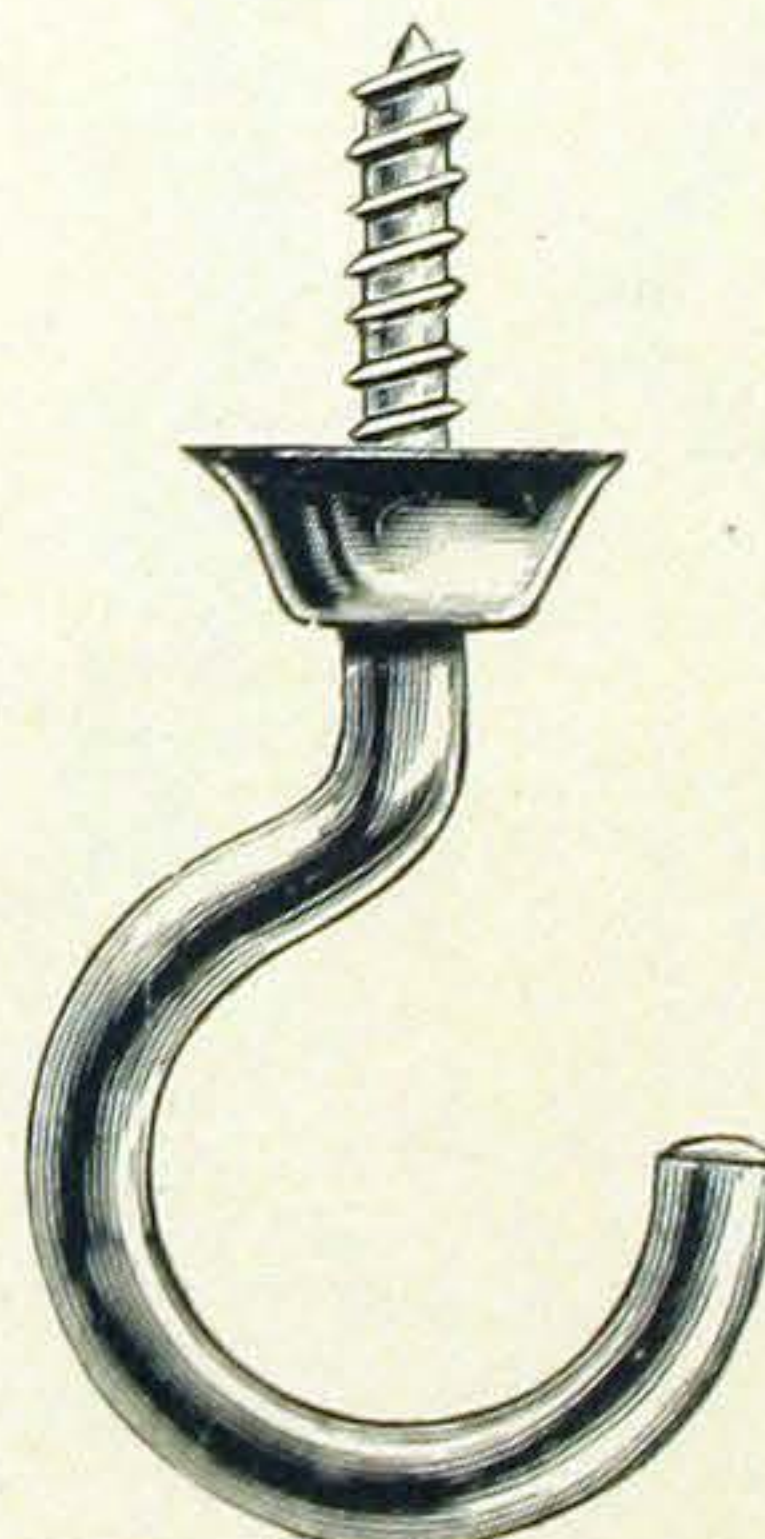
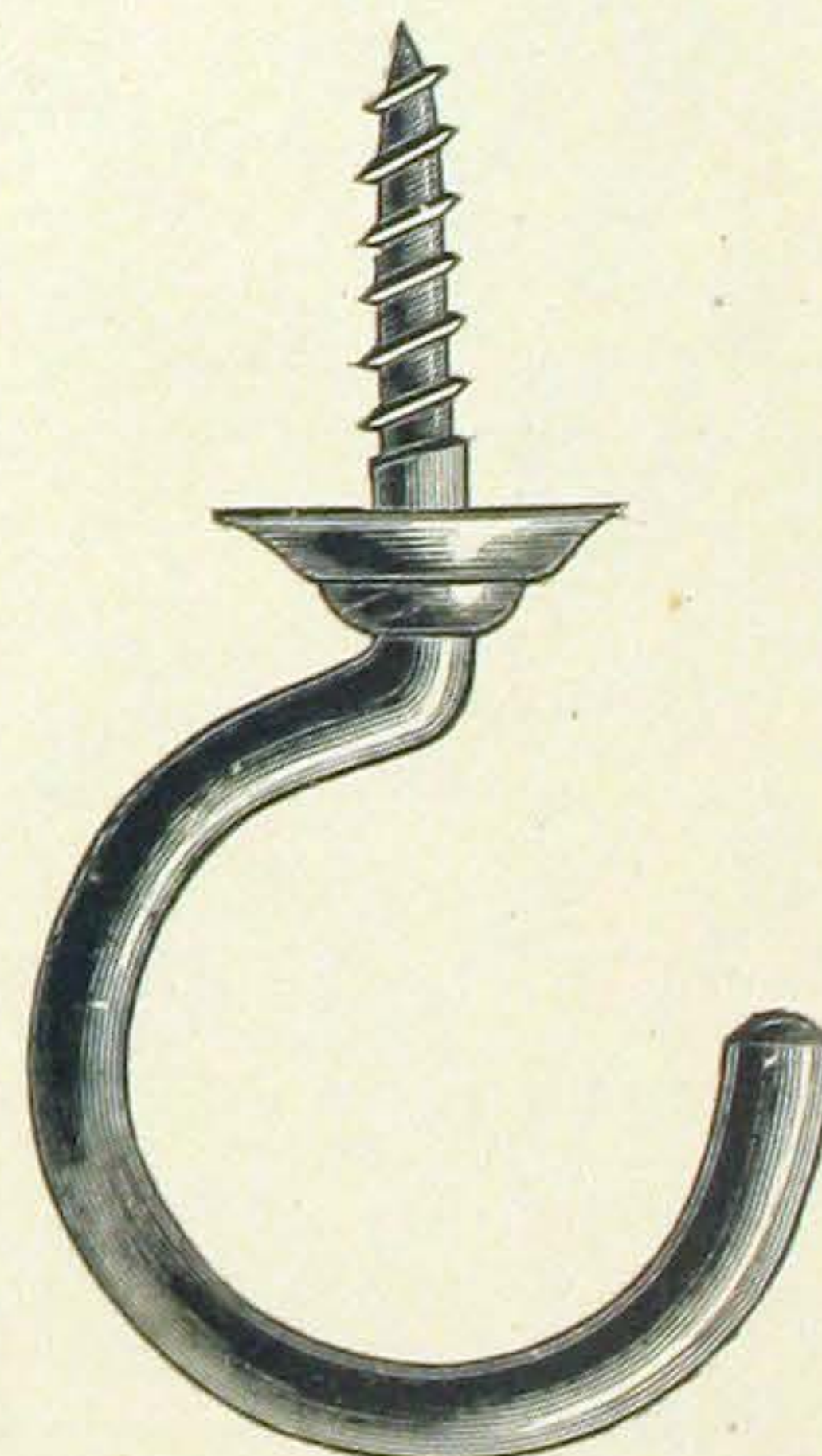
POLISHED AND LACQUERED BRASS WIRE CUP HOOKS.

WITH BRASS SHOULDERS.

CUTS FULL SIZE—PRICES PER GROSS.

No. 51, $\frac{1}{2}$ inch.No. 52, $\frac{5}{8}$ inch.No. 53, $\frac{3}{4}$ inch.No. 54, $\frac{7}{8}$ inch.

No. 55, 1 inch.

No. 56, $1\frac{1}{4}$ inch.No. 57, $1\frac{1}{2}$ inch.No. 58, $1\frac{5}{8}$ inch.No. 59, $1\frac{3}{4}$ inch.

Nos.	51	52	53	54	55	56	57	58	59
Inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Per gross,	\$1.00	1.10	1.20	1.40	1.80	2.00	3.00	3.40	4.00

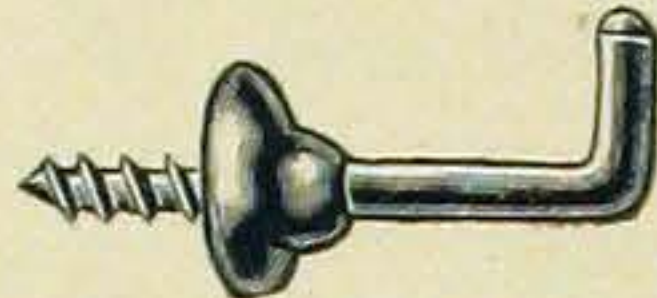
Packed, Nos. 51 to 55, 1 gross; Nos. 56 to 59, $\frac{1}{2}$ gross in a box.

POLISHED AND LACQUERED BRASS WIRE SCREW HOOKS.
WITH BRASS SHOULDER.

CUTS FULL SIZE—PRICES PER GROSS.



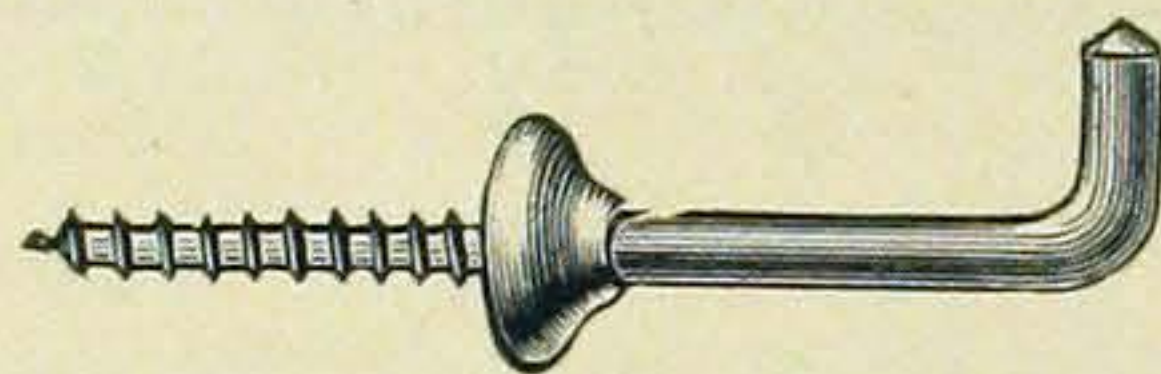
No. 30.



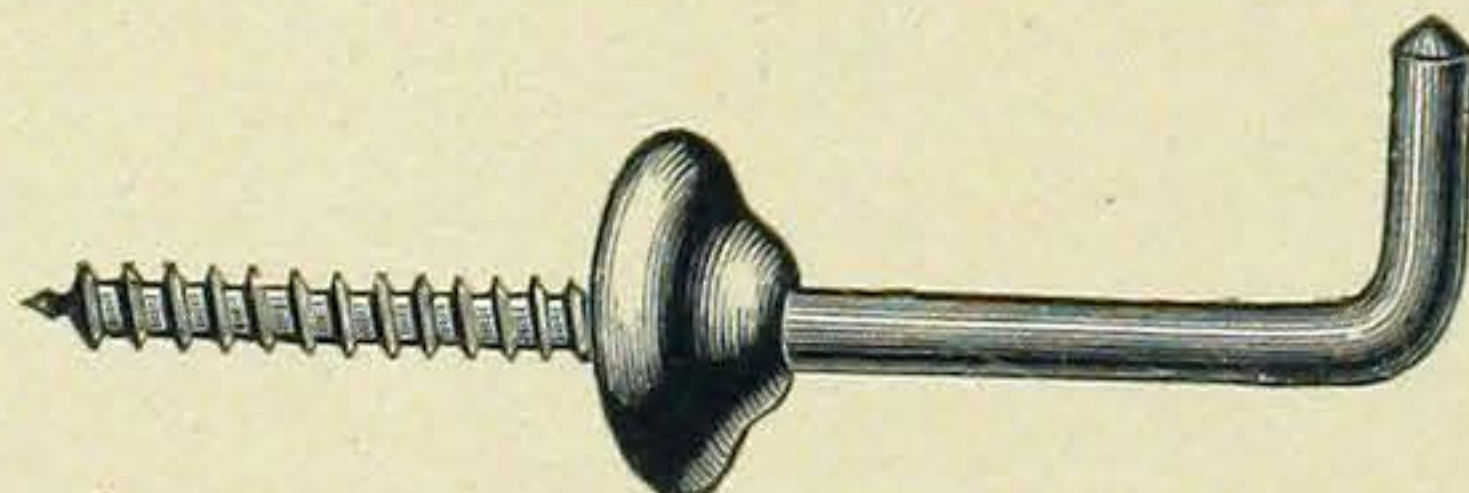
No. 31.



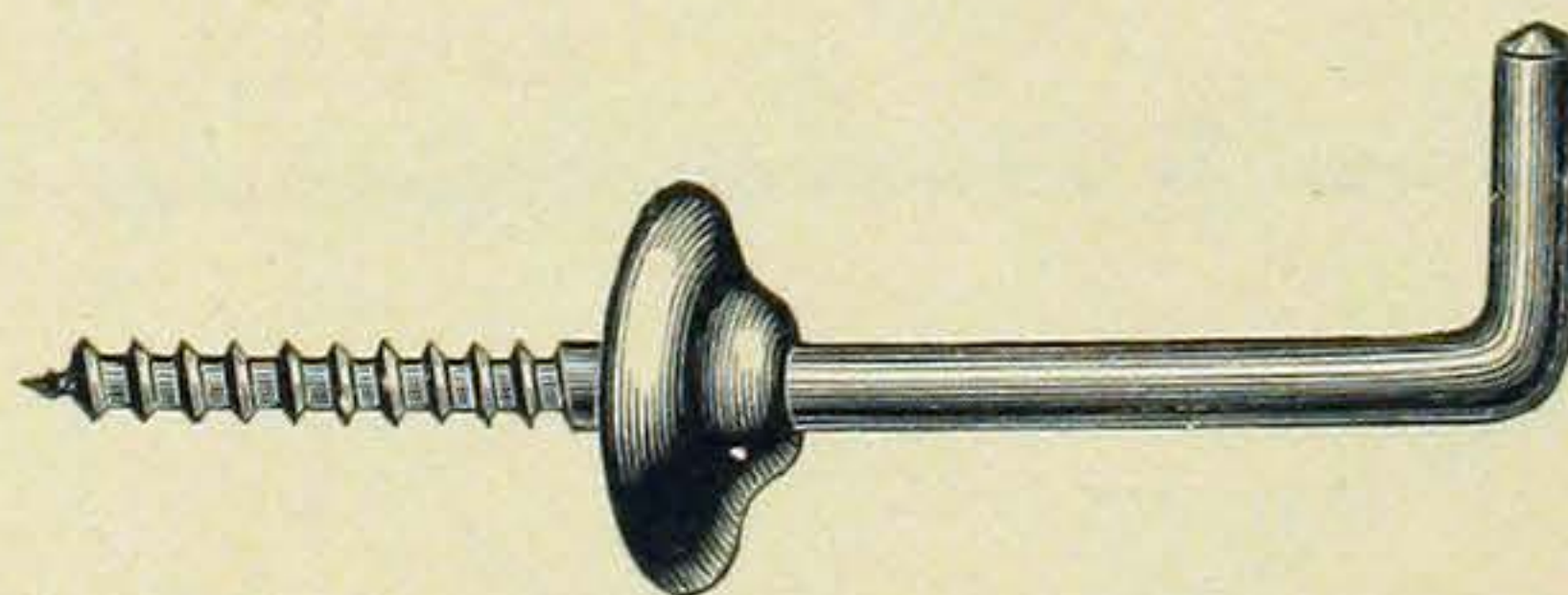
No. 32.



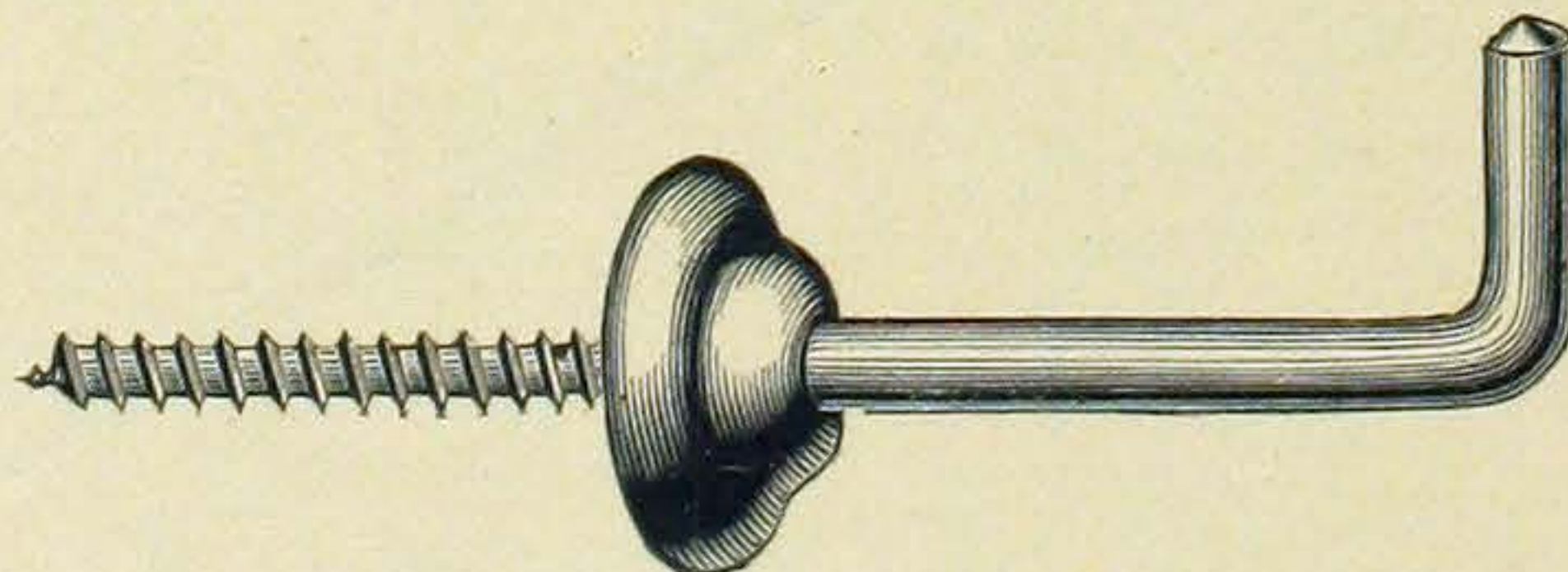
No. 33



No. 34.



No. 35.



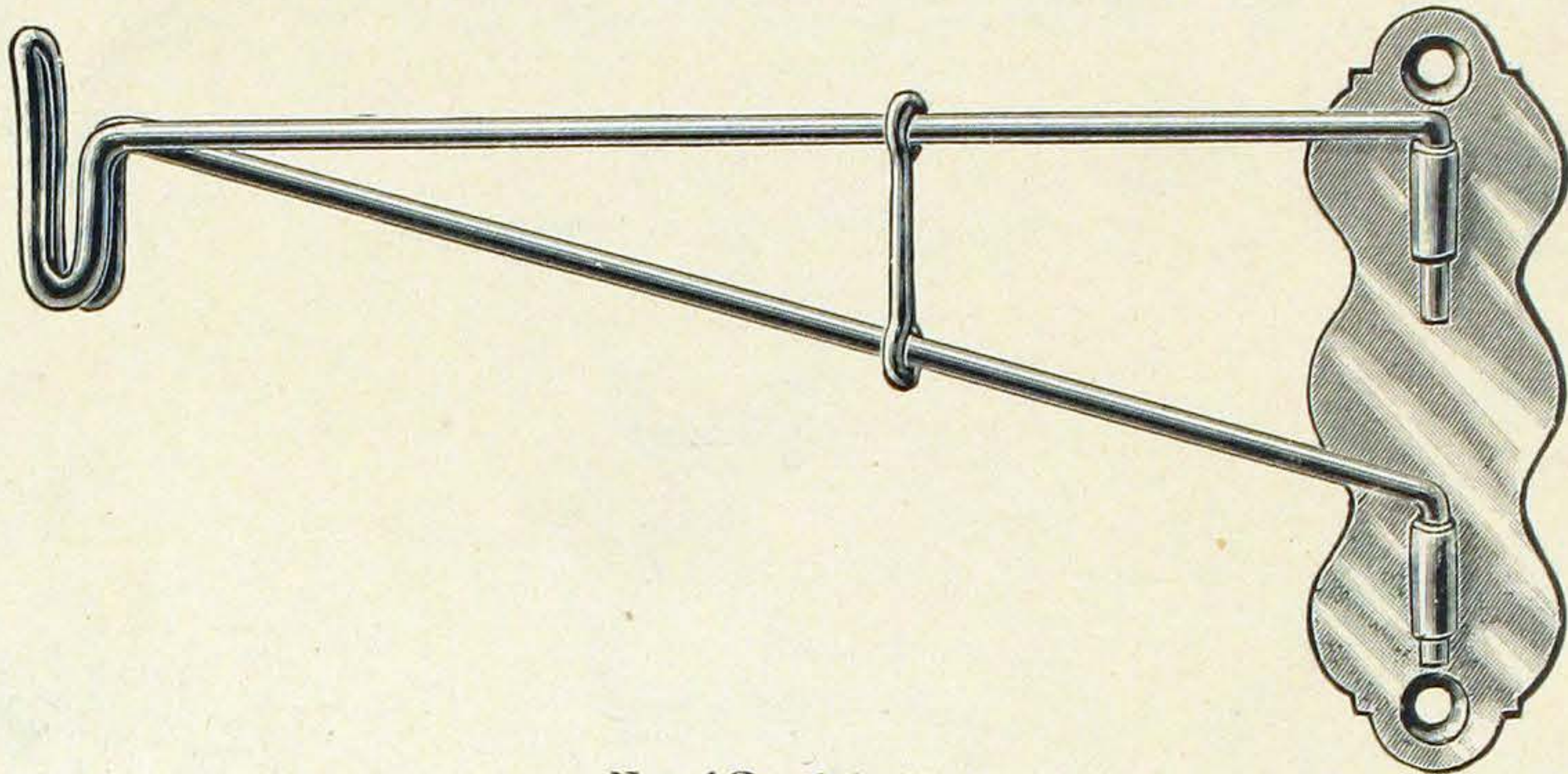
No. 36.

Nos.	30	31	32	33	34	35	36	37
Inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{5}{8}$	2
Solid brass, per gross, .	\$0.90	1.00	1.20	1 40	1.60	1.80	2.50	2.90

Packed, Nos. 30 to 33, one gross in a box; Nos. 34 to 37, one-half gross in a box.

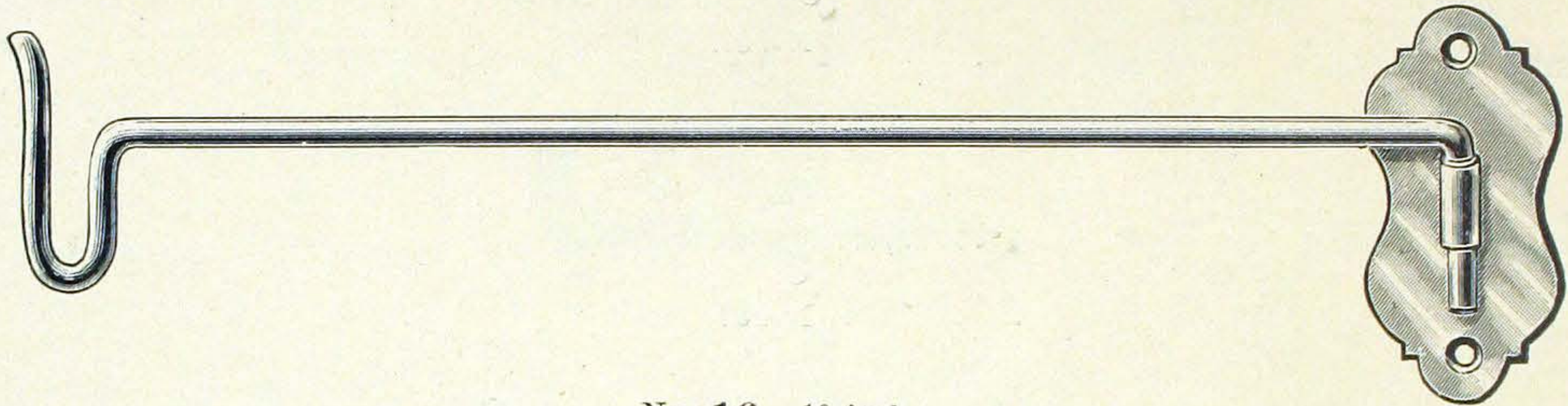
BIRD CAGE HOOKS.

POLISHED OR LACQUERED. CUTS HALF SIZE.



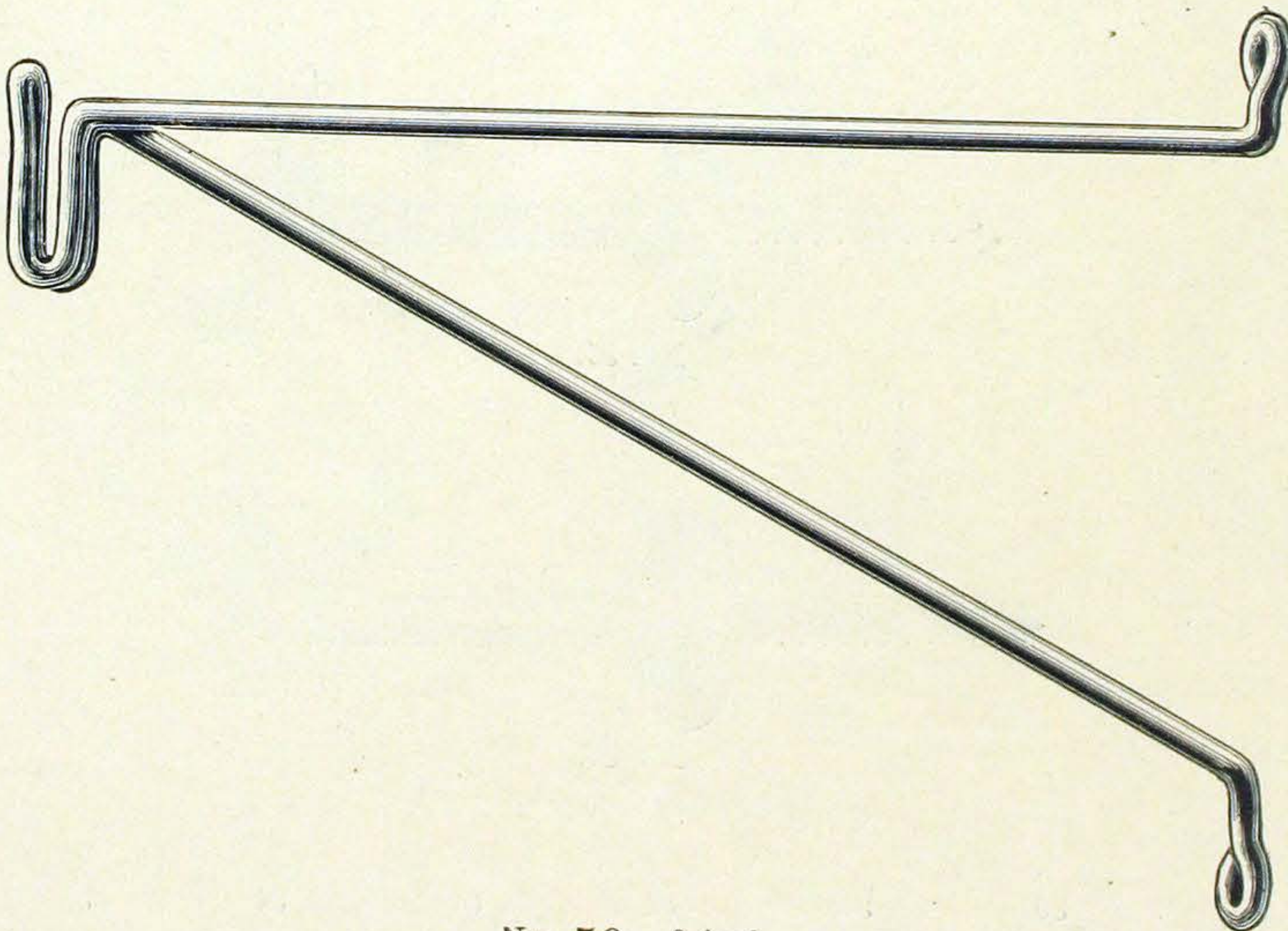
No. 13. 8 inch.

Inch,			8	10	12
No. 13.	Black,		per gross, \$12.00	\$13.00	\$14.00
" 13.	Nickel,		" 12.00	13.00	14.00
" 13.	Bronzed,		" 12.00	13.00	14.00
" 13.	Brass plated,		" 12.00	13.00	14.00



No. 16. 10 inch.

Inch,			8	10	12
No. 16.	Bright,		per gross, \$9.00	\$10.00	\$11.00
" 16.	Black,		" 10.00	11.00	12.00
" 16.	Nickel,		" 10.00	11.00	12.00
" 16.	Bronze,		" 10.00	11.00	12.00
" 16.	Brass plated,		" 10.00	11.00	12.00
" 16.	Antique,		" 11.00	12.00	13.00

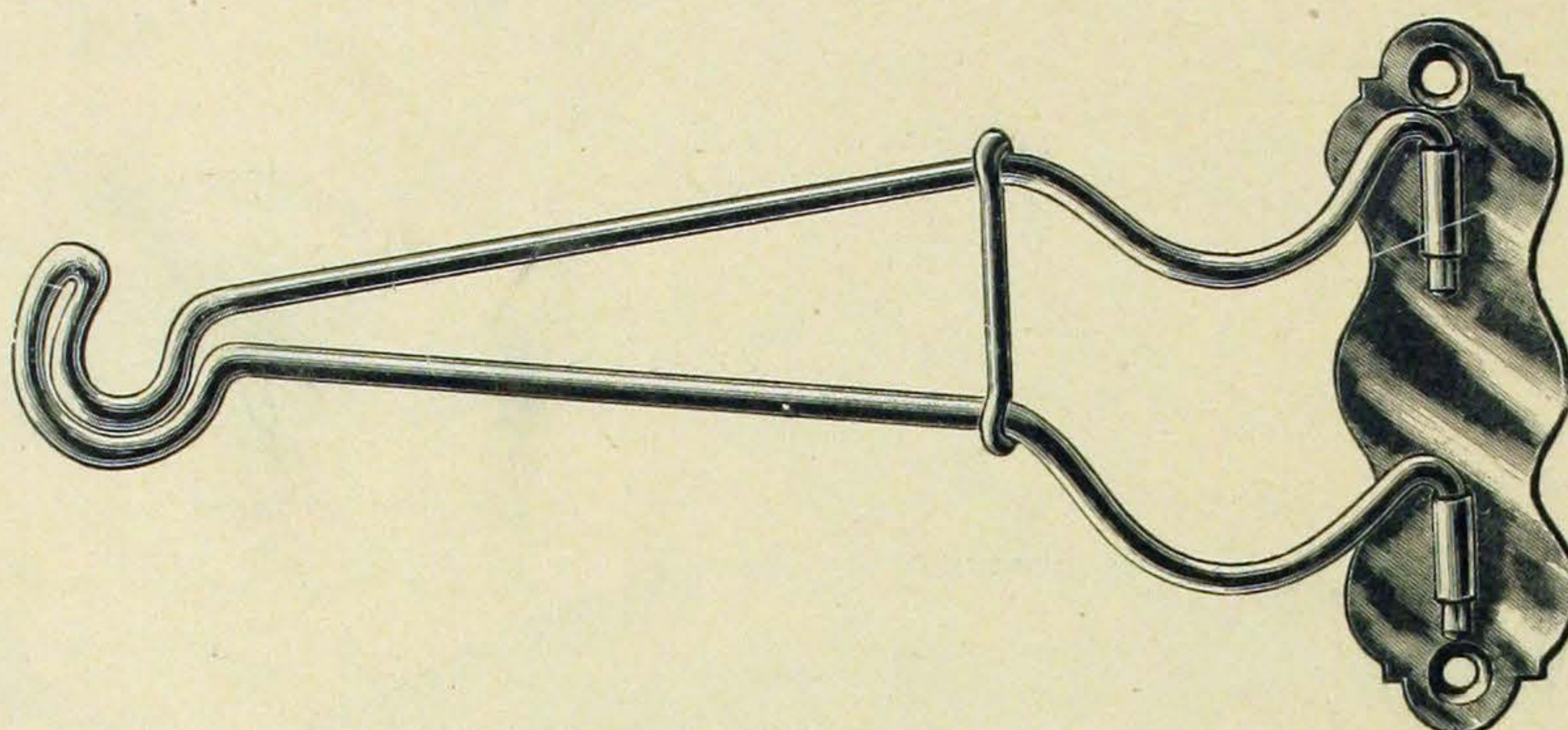


No. 50. 8 inch.

Inch,			8	10	12
No. 50.	Bright,		per gross, \$8.00	\$9.00	\$10.00
" 50.	Bronze,		" 8.00	9.00	10.00
" 50.	Black,		" 8.00	9.00	10.00
" 50.	Nickel,		" 8.00	9.00	10.00
" 50.	Brass plated,		" 8.00	9.00	10.00

Packed one dozen in a box.

POLISHED AND LACQUERED. CUT HALF SIZE.



Inch,		8	10	12
No. 61.	Nickel,	Per gross, \$14.00	15.00	16.00
" 61.	Brass,	" 14.00	15.00	16.00
" 61.	Gold Bronze,	" 16.00	17.00	18.00

CUTS FULL SIZE.

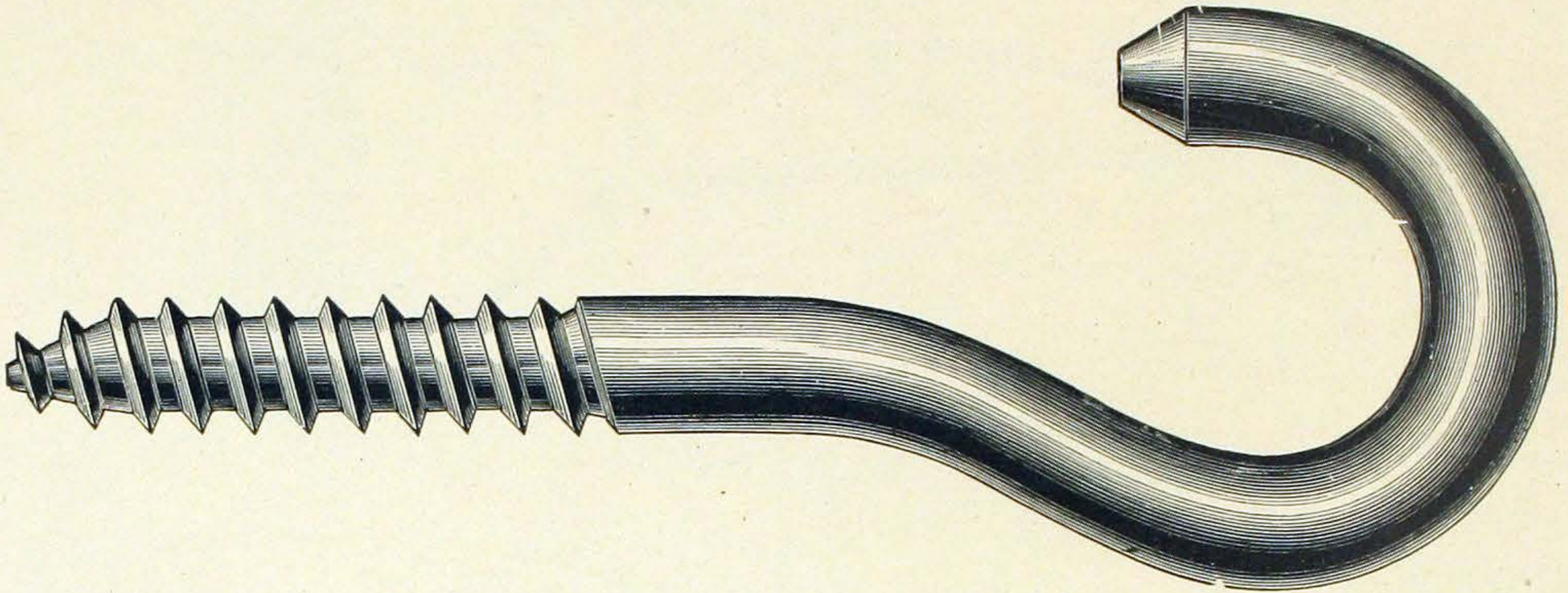


A large, detailed illustration of a metal spring, likely a component of a mechanical device. The spring is coiled in a series of closely spaced, horizontal loops, forming a cylindrical shape. At the top, there is a circular loop or ring. At the bottom, the spring ends in a hook-like shape, with two curved prongs extending downwards. The illustration is rendered in a dark, metallic color with highlights and shadows to emphasize its three-dimensional form.

No. 11.

No. 9,	per gross, \$4.20
" 11.	" 5.00

Packed one-half gross in a box.

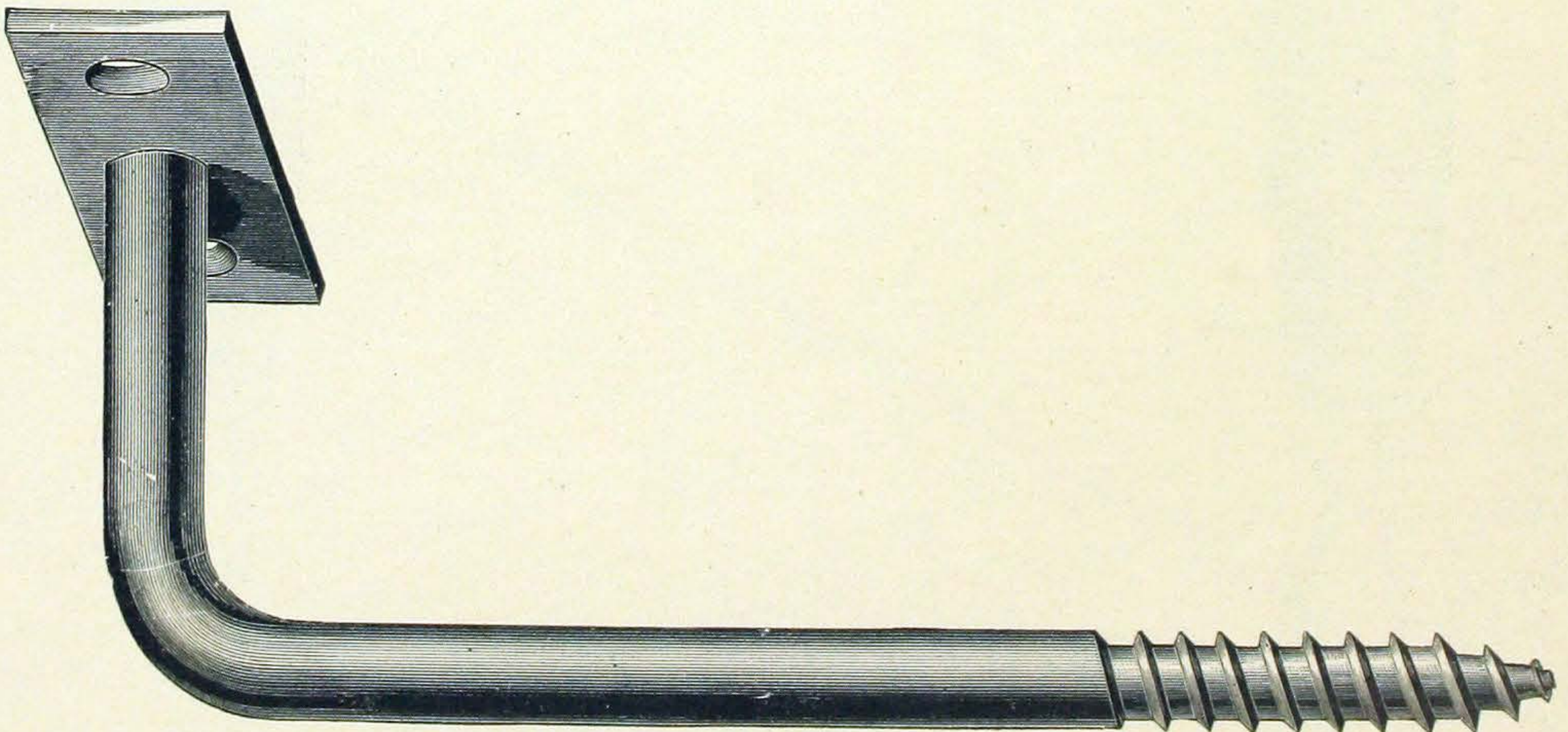
WROUGHT SCREW HOOKS.**SHARP GIMLET POINT, DEEP THREAD.**FULL SIZE OF CUT $\frac{1}{2}$ INCH.**No. 110.**

Inch thick,	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Bright,	\$0.90	\$1.00	\$1.25	\$1.50	\$2.20	\$3.50
Tinned or galvanized,	1.35	1.50	2.00	2.60	4.00	6.40

Packed 1 dozen in a box.

WROUGHT IRON HAND RAIL STAY.**SHARP GIMLET POINT, DEEP THREAD.**

FULL SIZE CUT.

**No. 11.**

Bright,

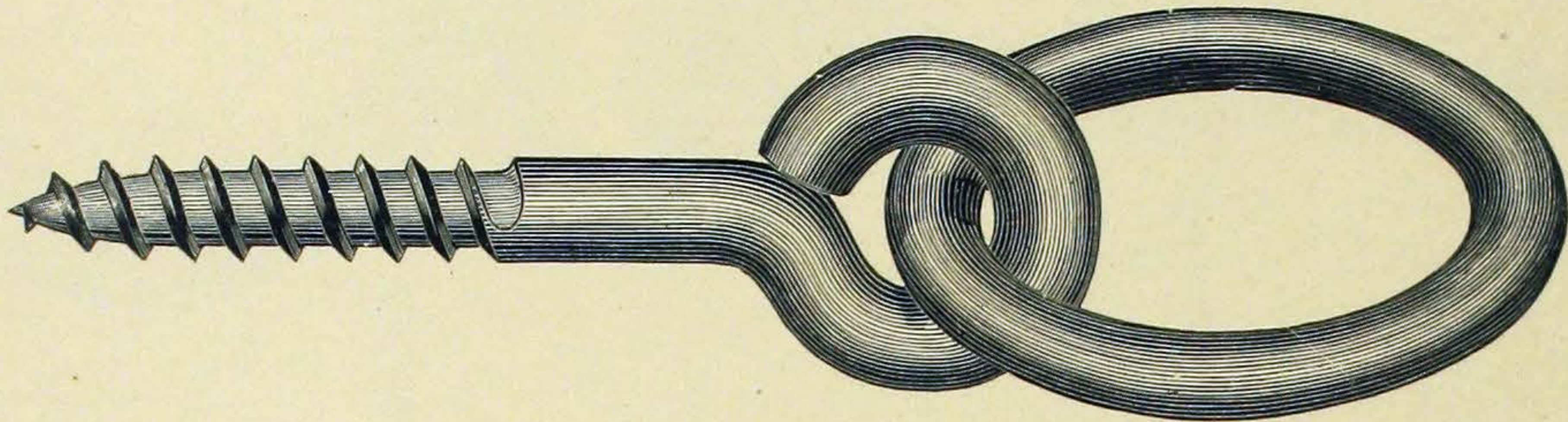
per gross, \$10.00

Packed 3 dozen in a box.

WROUGHT IRON HITCHING AND HAMMOCK RINGS.

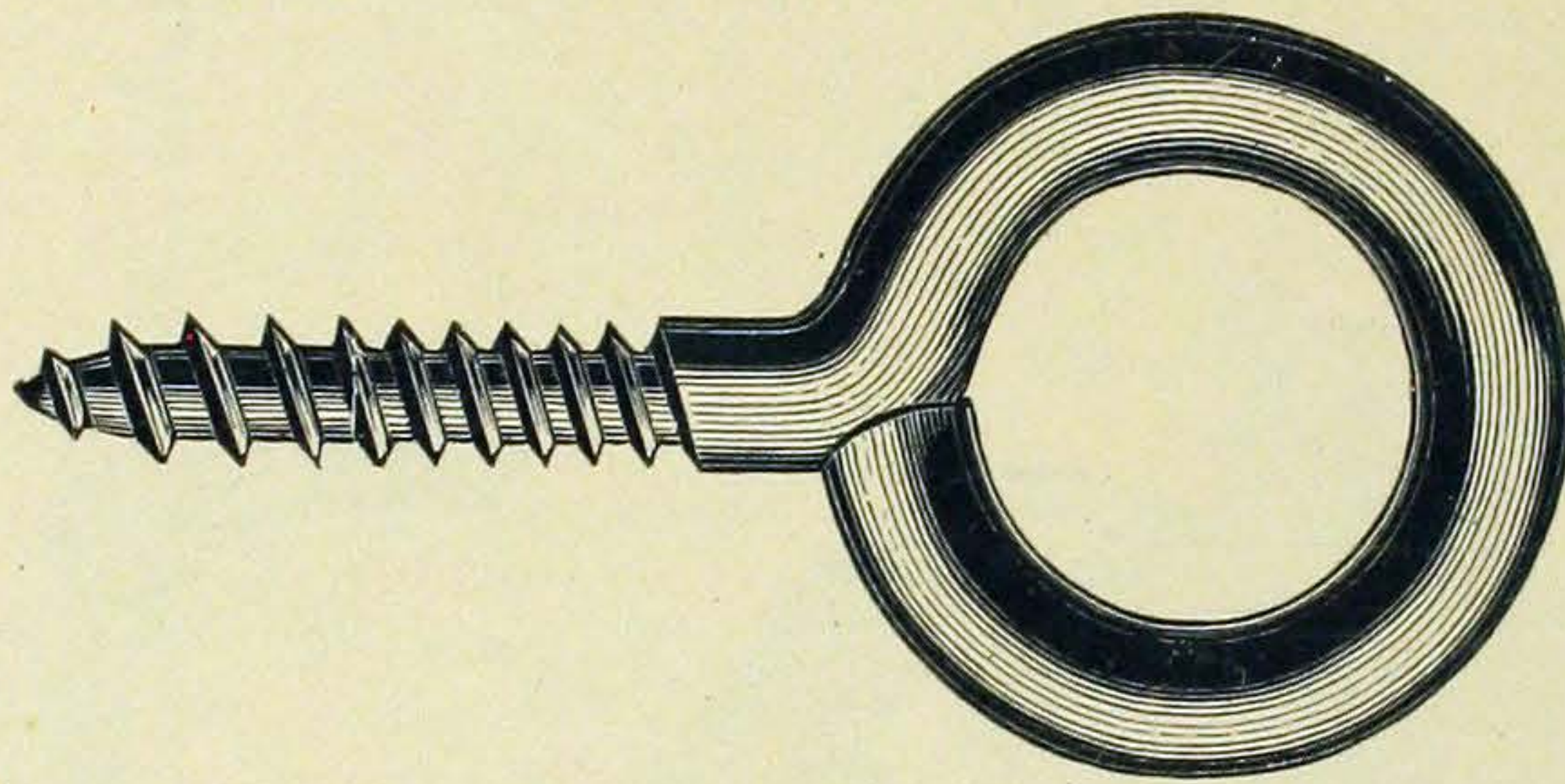
SHARP GIMLET POINT.

CUT FULL SIZE.



No. 30.

No. 30.	Bright Iron,	per gross, \$9.00
" 30.	Japanned Iron,	" 11.00
" 30.	Tinned, or Galvanized Iron,	" 12.00

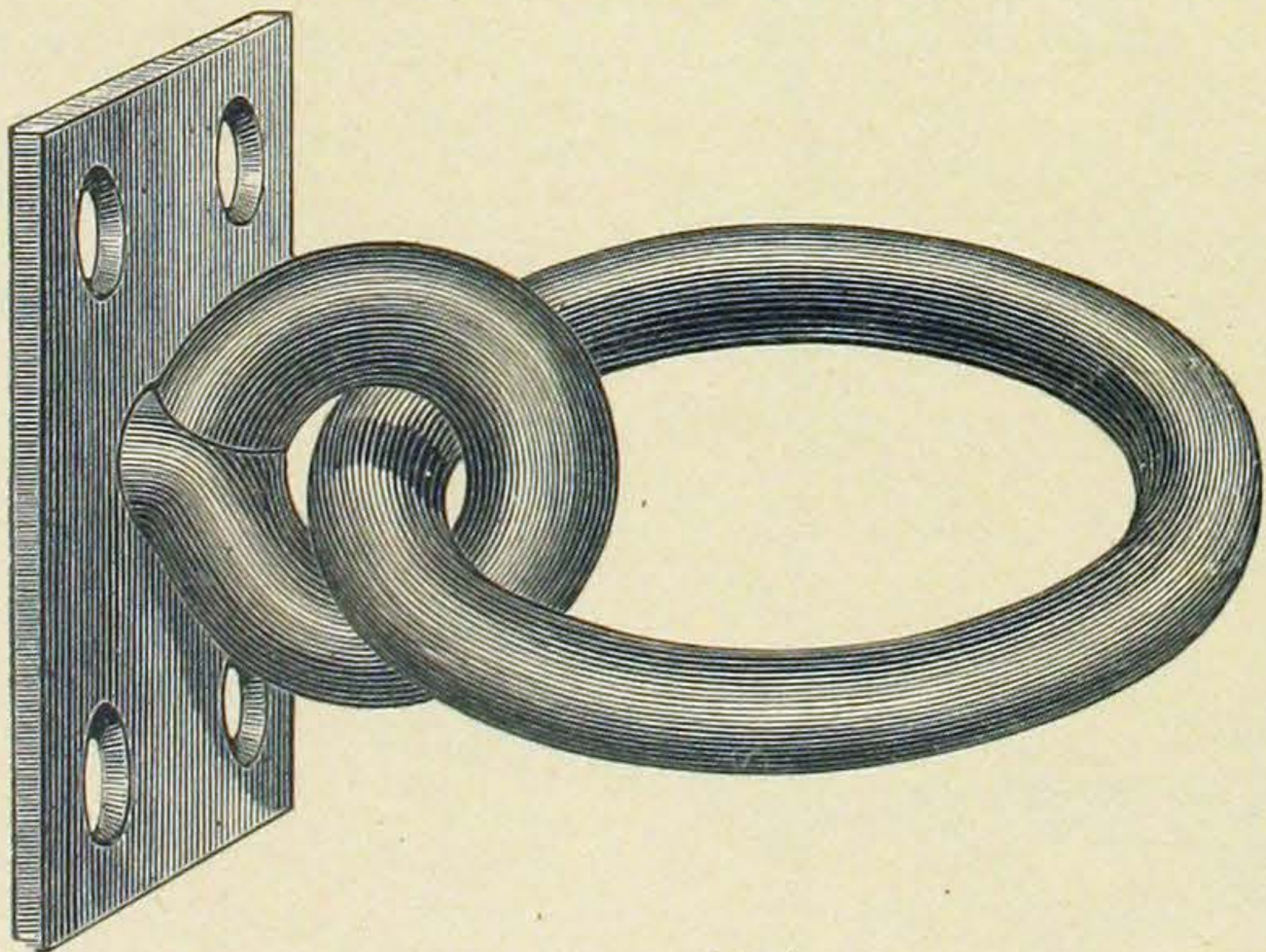


No. 50.

No. 50.	Bright Iron,	per gross, \$3.50
" 50.	Japanned Iron,	" 4.50
" 50.	Tinned, or Galvanized Iron,	" 5.50

Packed, No. 30, one dozen in a box; No. 50, quarter gross in a box.

Wrought Hitching Rings.

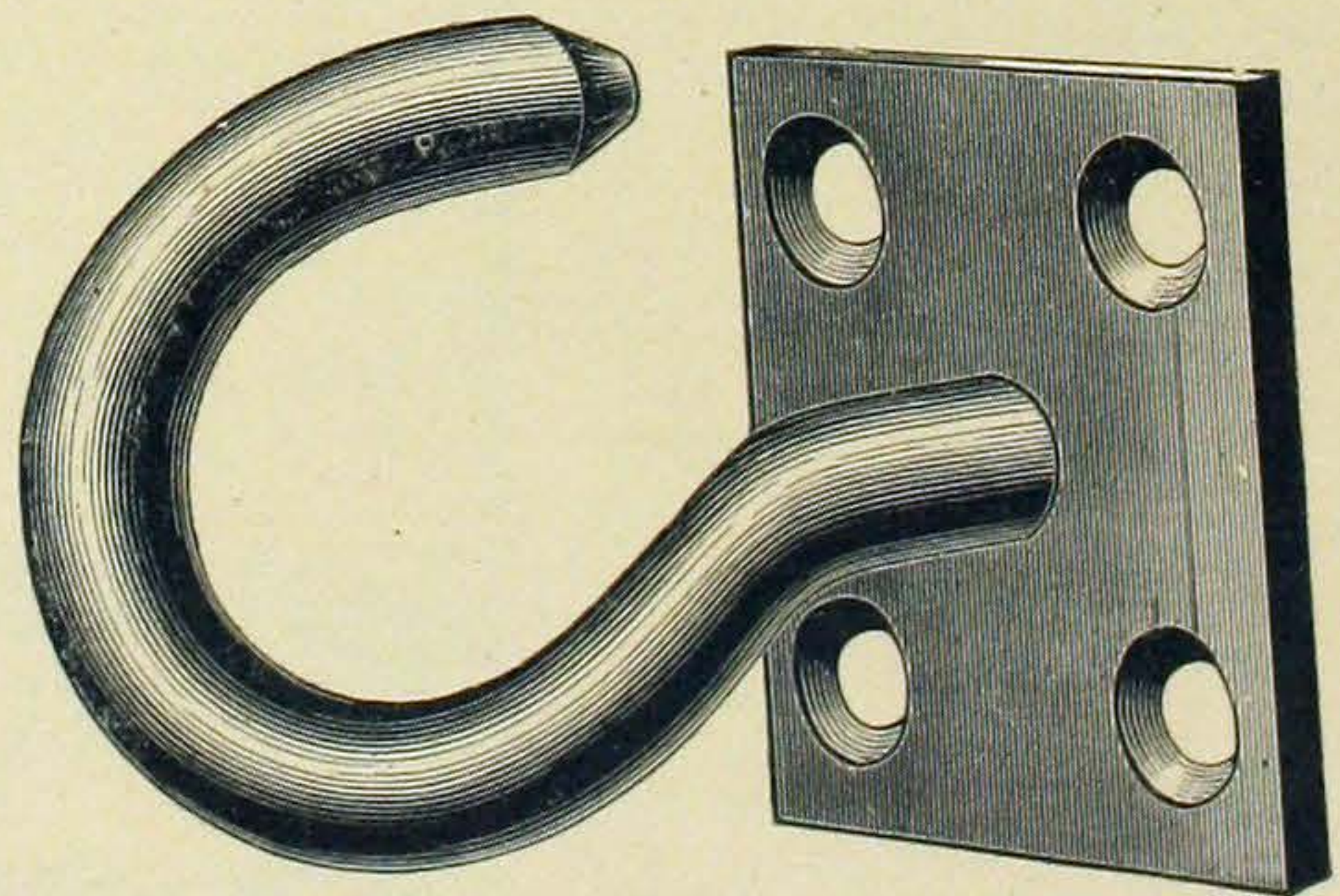


Strong wrought rings.

No. 25.	Bright, very strong,	per gross, \$10 00
" 25.	Japanned,	" 12.00
" 25.	Galvanized,	" 14.00
" 25.	Tinned,	" 14.00

Clothes Line Hook.

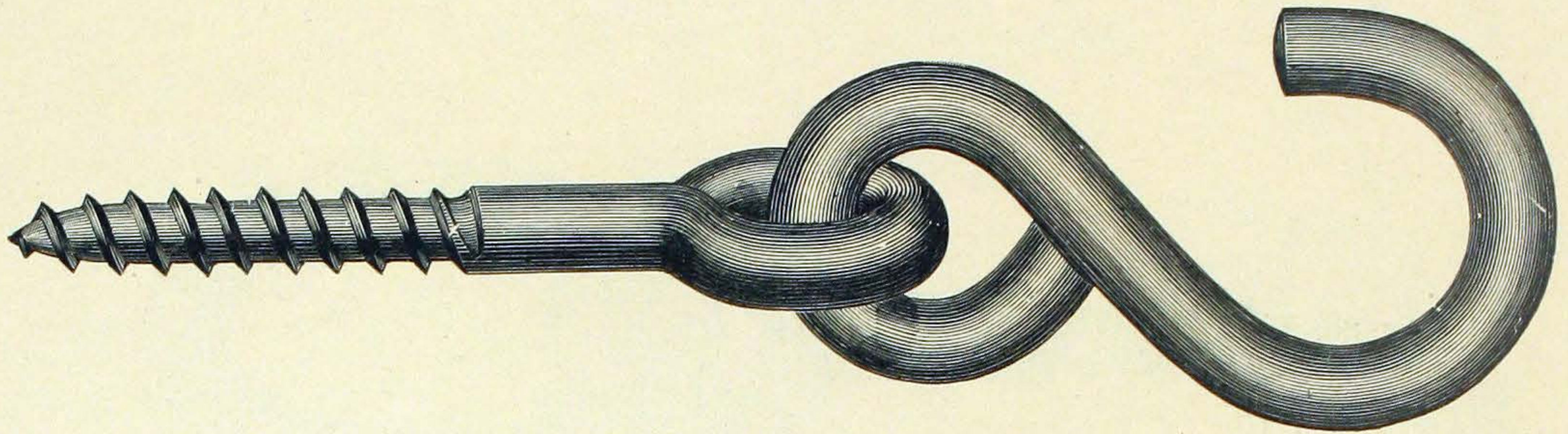
CUT FULL SIZE.



No. 45.	Bright,	per gross, \$10.00
" 45.	Japanned,	" 11.00
" 45.	Galvanized,	" 12.00
" 45.	Tinned,	" 12.00

Packed one dozen in a box.

Wrought Hammock Hooks.



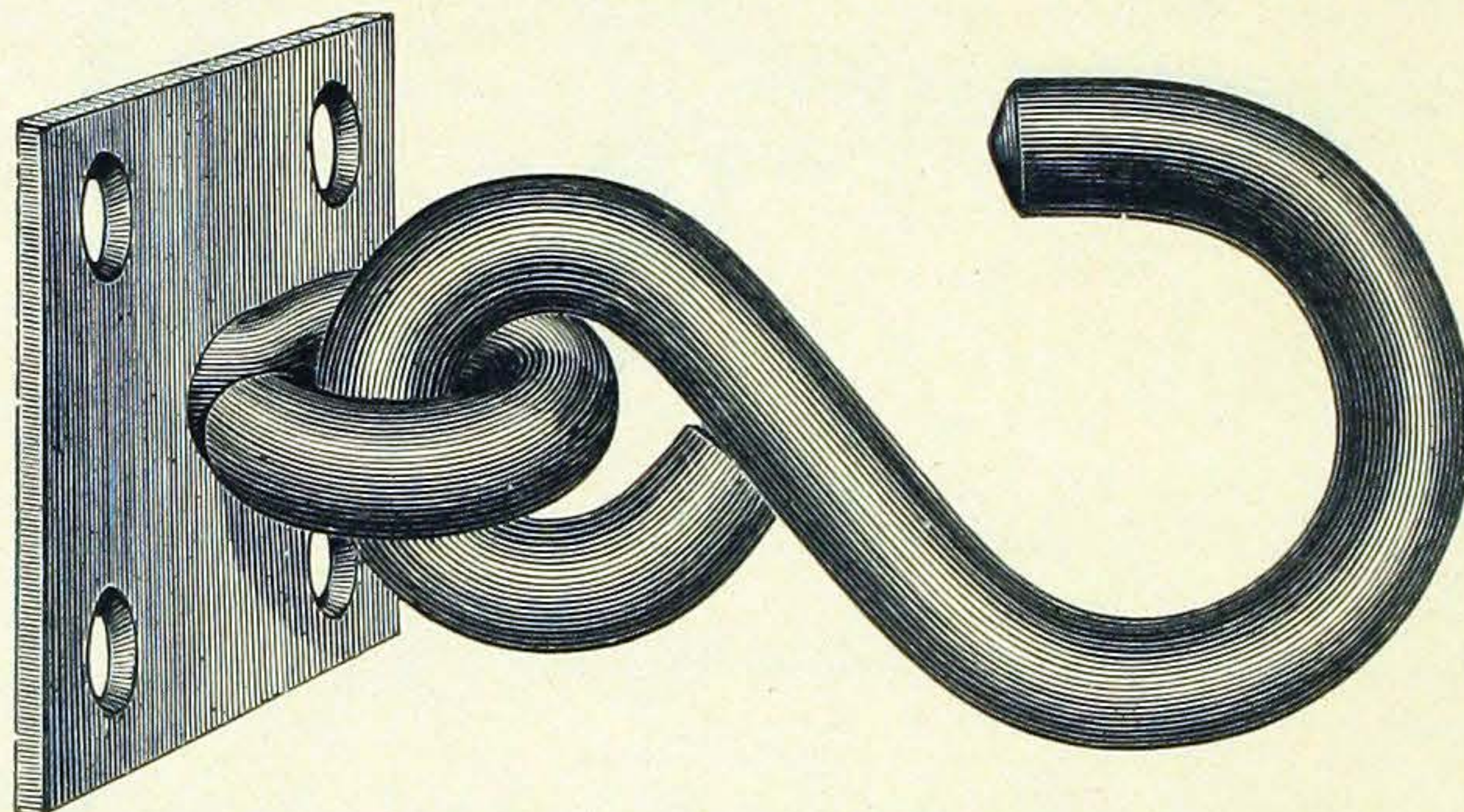
FULL SIZE CUT, No. 146.

Wrought Hammock Hooks, to Screw.

SHARP GIMLET POINTS, DEEP THREAD.

No. 146.	Bright, very strong,	per gross, \$10.00
" 146.	Galvanized, "	" 14.00
" 146.	Tinned, "	" 14.00

Packed one dozen in a box.



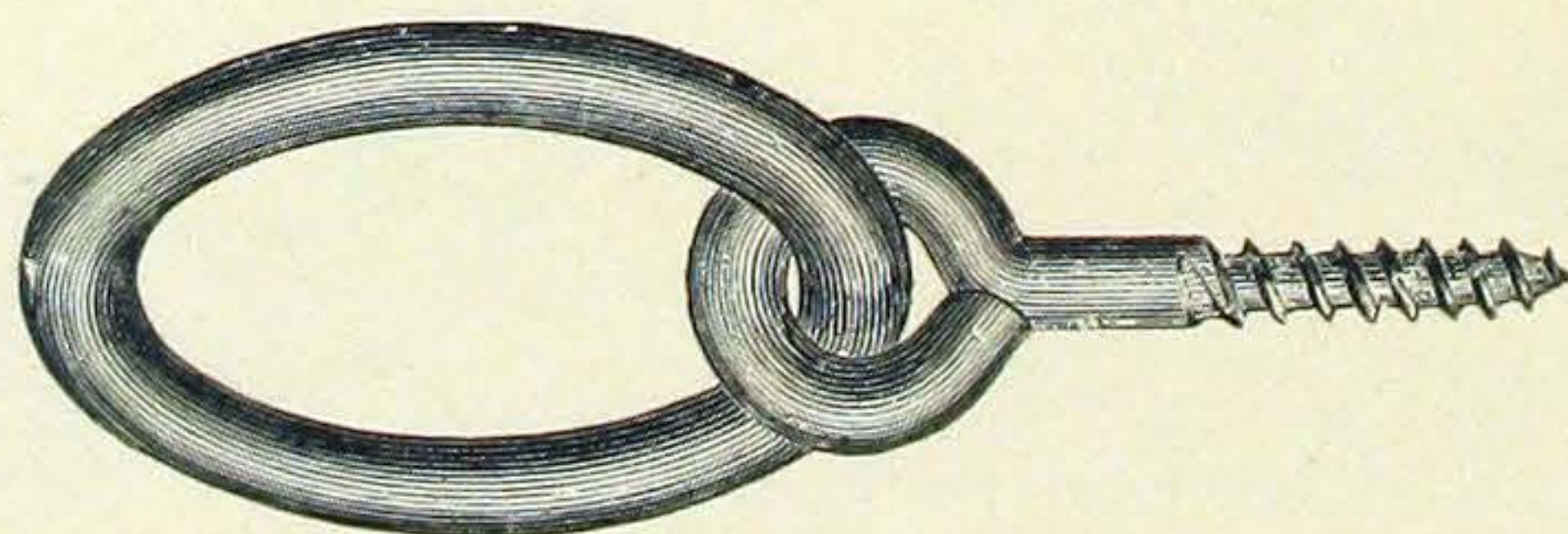
FULL SIZE CUT OF No. 136.

Wrought Hammock Hooks, with Plate.

No. 136.	Bright, very strong,	per gross, \$11.00
" 136.	Galvanized, "	" 15.00
" 136.	Tinned, "	" 15.00

Packed one dozen in a box.

Shutter Screw Rings.



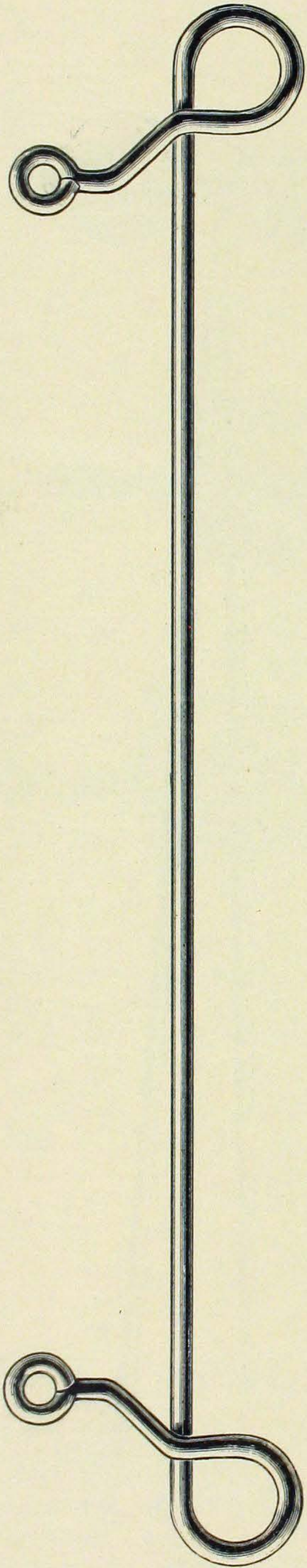
PHILADELPHIA PATTERN.

No. 33.	1 1/8 inch Ring, galvanized,	per gross, \$2.00
" 33.	1 1/8 " " tinned,	" 2.00

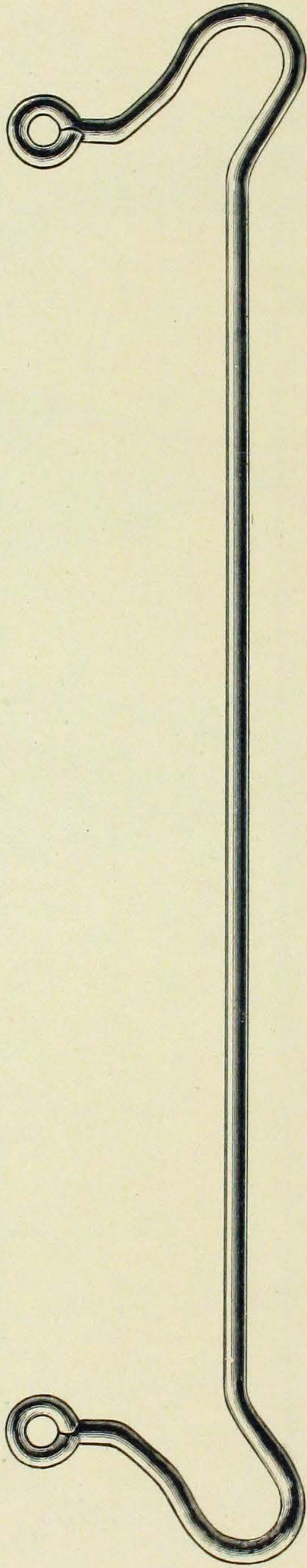
Packed one gross in a box.

POLISHED AND LACQUERED.

CUTS HALF SIZE.



No. 201.



No. 203.

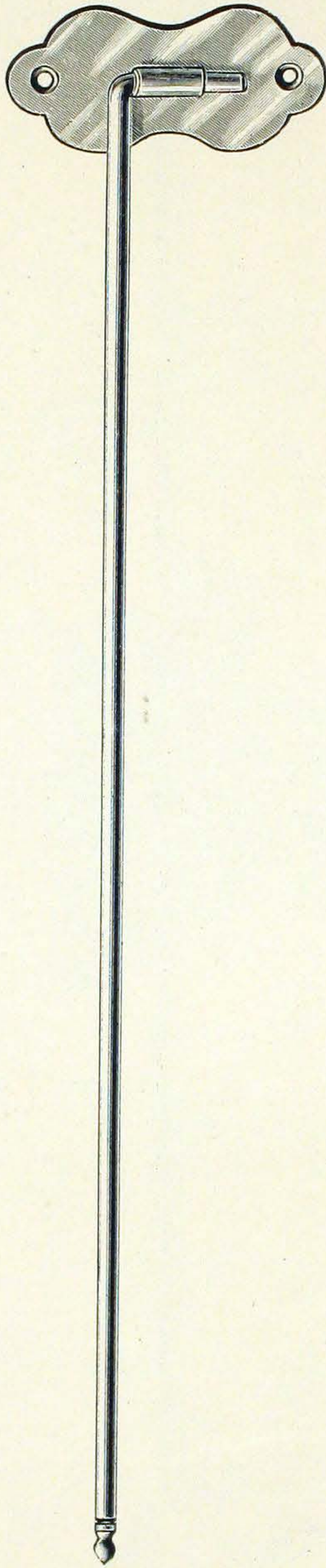
No. 201.	Nickel,	.	.	.	.	per gross, \$12.00	No. 203.	Nickel,	.	.	.	per gross, \$12.00	
"	201.	Brass,	.	.	.	"	"	203.	Brass,	.	.	"	12.00
"	201.	Copper,	.	.	.	"	"	203.	Copper,	.	.	"	12.00
"	201.	Antique,	.	.	.	"	"	203.	Antique,	.	.	"	13.00

Packed one dozen in a box.

DISPLAY RACKS OR TOWEL BARS.

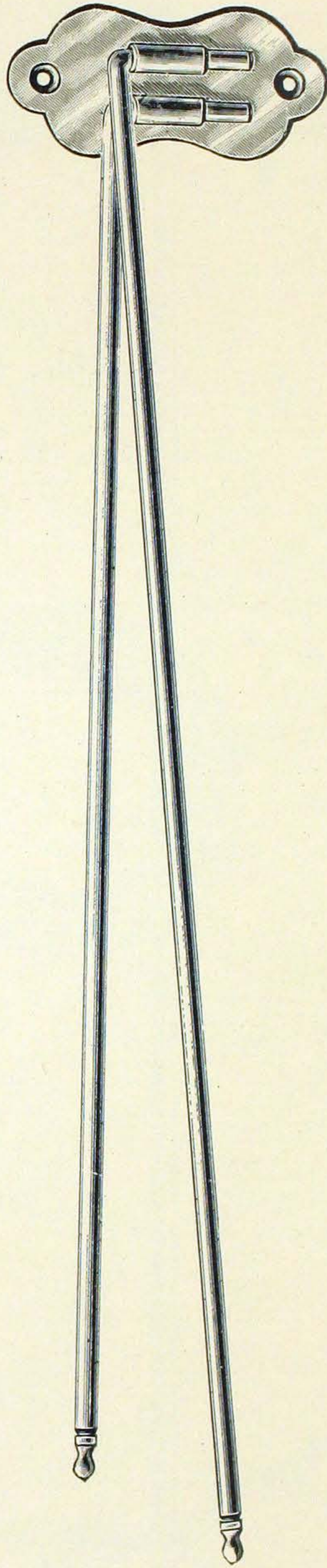
Heavy Wrought Backs, 3-16 Inch Bars.

CUTS HALF SIZE—PRICES PER GROSS.



No. 101.

No. 101.	Antique bronze, 10 inch, \$14.50.	Bronze, \$13.00.	Nickel polished, \$13.00.	Brass polished, \$13.00.
No. 101.	" " 12 " 15.50.	" " 14.00.	" " 14.00.	" " 14.00.



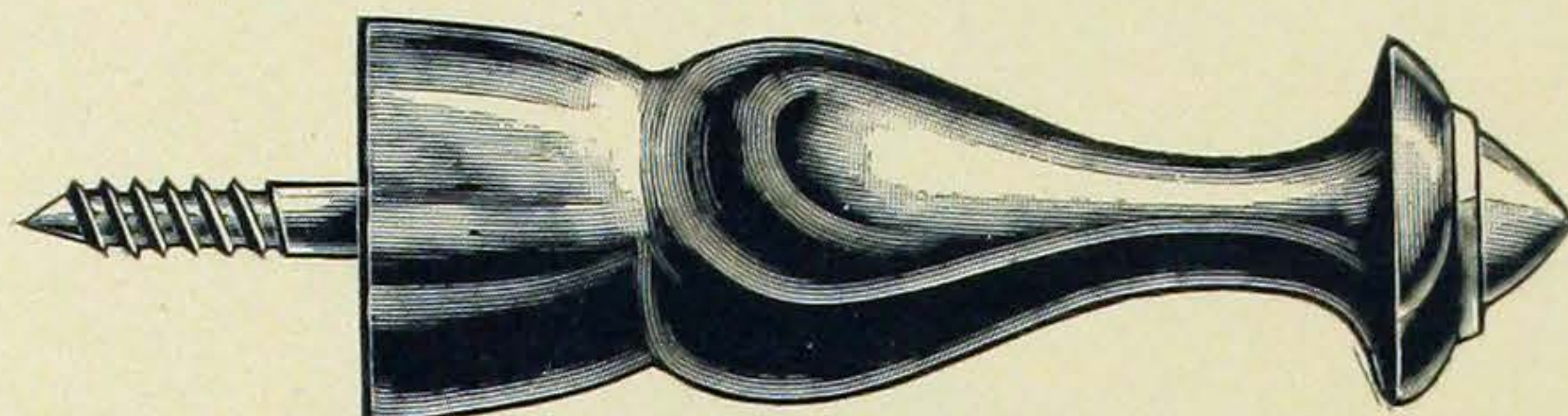
No. 105.

No. 105.	Antique Bronze, 10 inch, \$19.00.	Bronze, \$17.00.	Nickel polished, \$17.00.	Brass polished, \$17.00.
No. 105.	" " 12 " 20.00.	" " 18.00.	" " 18.00.	" " 18.00.

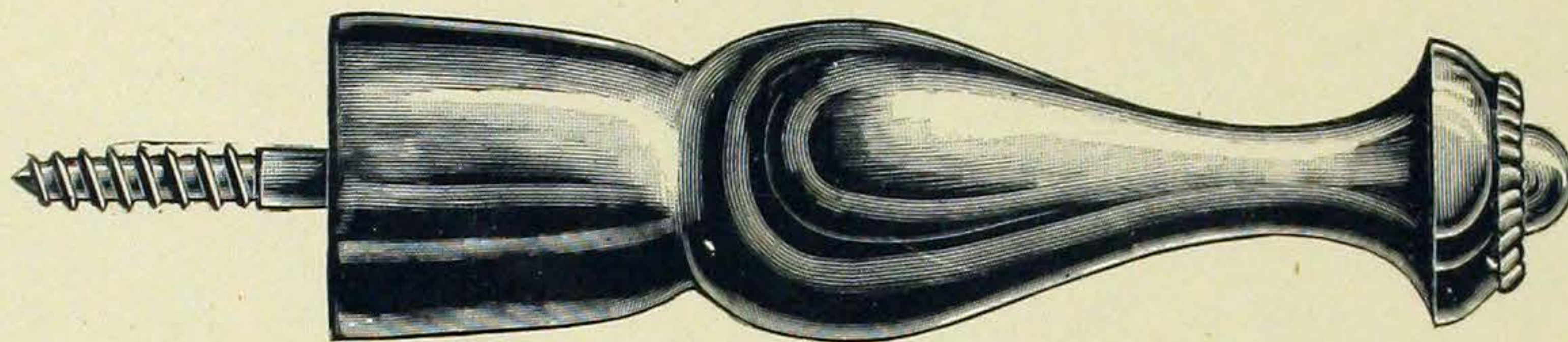
Packed one dozen in a box.

FINE FINISHED BLACK ENAMELED HAT PINS.

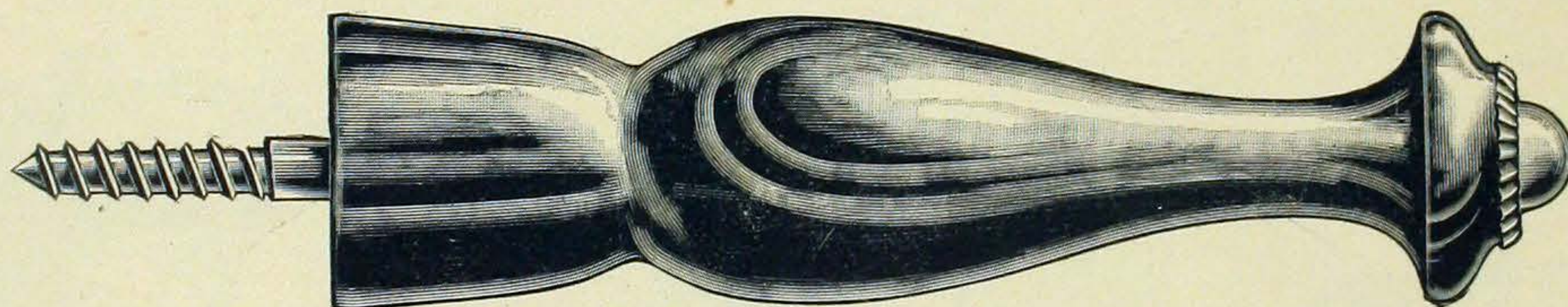
CUTS FULL SIZE.



No. 3. 2½ inch.



No. 15. 3½ inch.



No. 27. 4 inch.

No. 3.	2½ inch,	plain, gilt ornament on front,	per gross, \$3.50
" 15.	3½ "	fancy and plain, gilt ornament on front,	" 4.00
" 27.	4 "	gilt and porcelain ornament on front,	" 4.50

Packed one-quarter gross in a box.

BLACK ENAMELED WARDROBE HOOKS.

Two Hooks.		Three Hooks.		Four Hooks.	
No. 39.	Copper, . . . per gro., \$24.00	No. 45.	Copper, . . . per gro., \$28.00	No. 51.	Copper, . . . per gro., \$30.00
"	Japanned, . . . " 24.00	"	Japanned, . . . " 28.00	"	Japanned, . . . " 30.00
"	Brass, . . . " 24.00	"	Brass, . . . " 28.00	"	Brass, . . . " 30.00

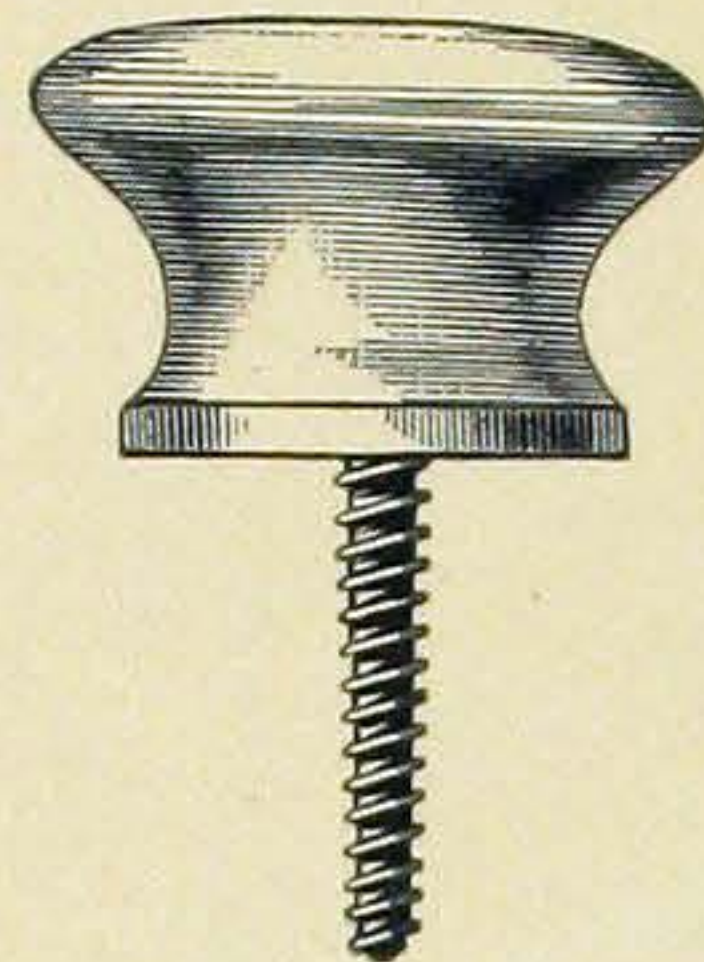
Packed one dozen in a box.

PORCELAIN FAST SCREW SHUTTER AND DRAWER KNOBS.

CUTS FULL SIZE.

Porcelain Shutter Knobs, Fast Screw, No. 1.

$\frac{5}{8}$ inch,	per gross, \$3.75
$\frac{3}{4}$ "	" 3.90
$\frac{7}{8}$ "	" 4.10
1 "	" 4.40
$1\frac{1}{8}$ "	" 4.75

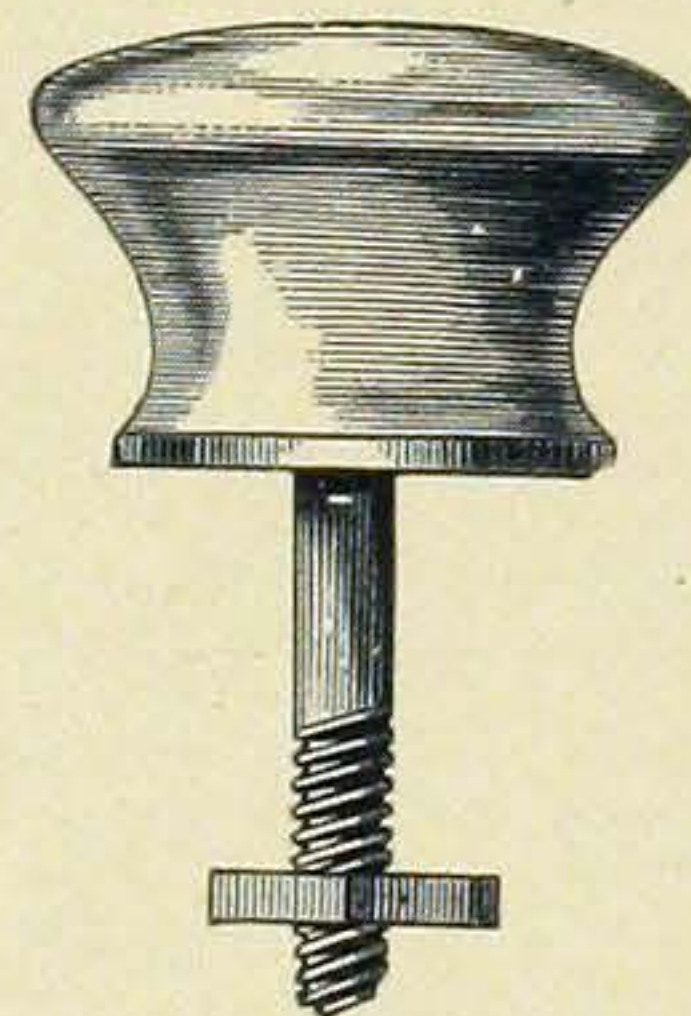


1 inch.

$1\frac{1}{4}$ inch,	per gross, \$6.20
$1\frac{1}{2}$ "	" 7.75
$1\frac{3}{4}$ "	" 11.50
2 "	" 13.00

Porcelain Drawer Knobs, No. 5.

1 inch,	per gross, \$6.50
$1\frac{1}{4}$ "	" 8.25
$1\frac{1}{2}$ "	" 9.50



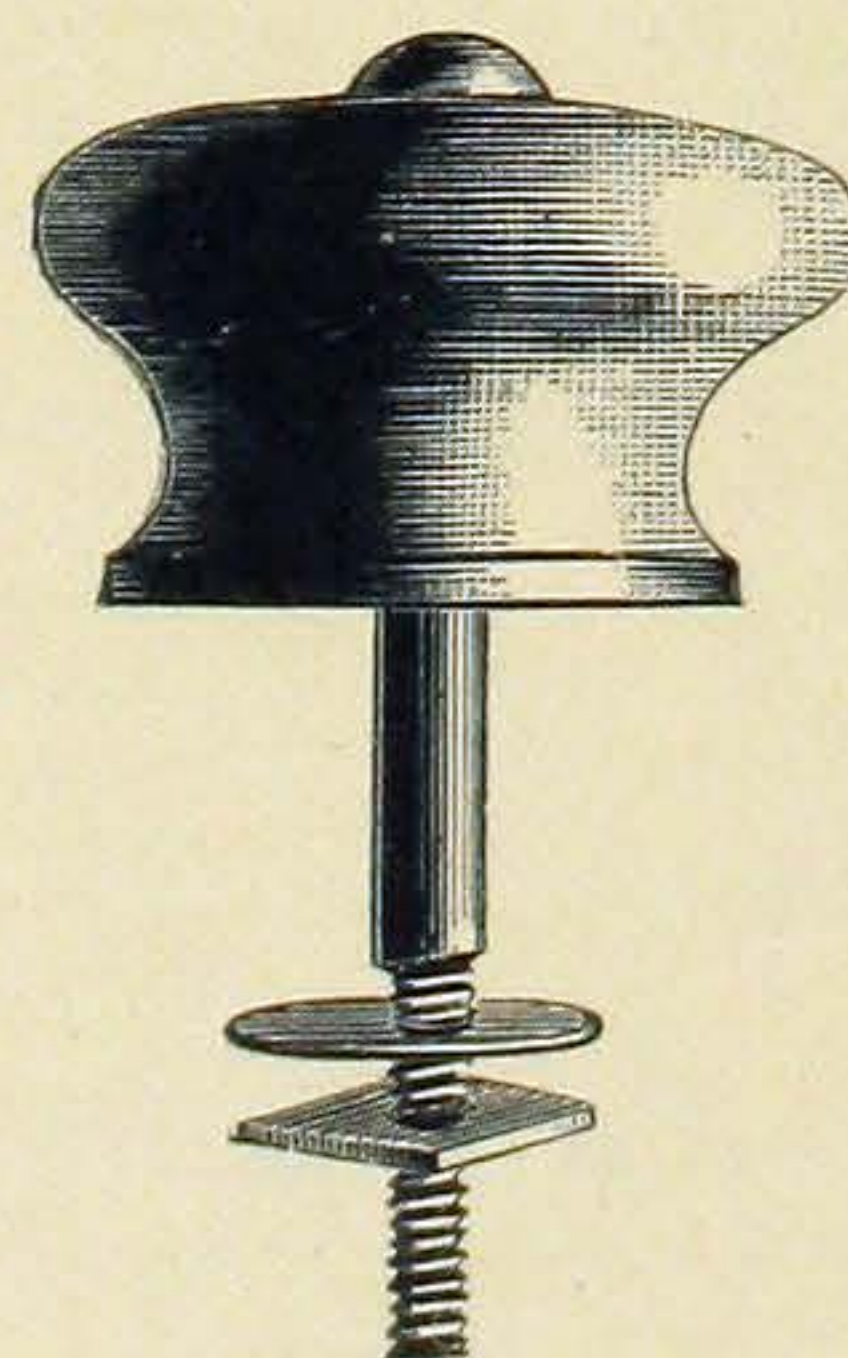
1 inch.

$1\frac{3}{4}$ inch,	per gross, \$11.75
2 "	" 13.50

Porcelain Drawer Knobs, No. 7.

Tinned Round Head Bolt.

1 inch,	per gross, \$6.00
$1\frac{1}{4}$ "	" 7.75
$1\frac{1}{2}$ "	" 9.25



$1\frac{1}{4}$ inch.

$1\frac{3}{4}$ inch,	per gross, \$11.50
2 "	" 13.25

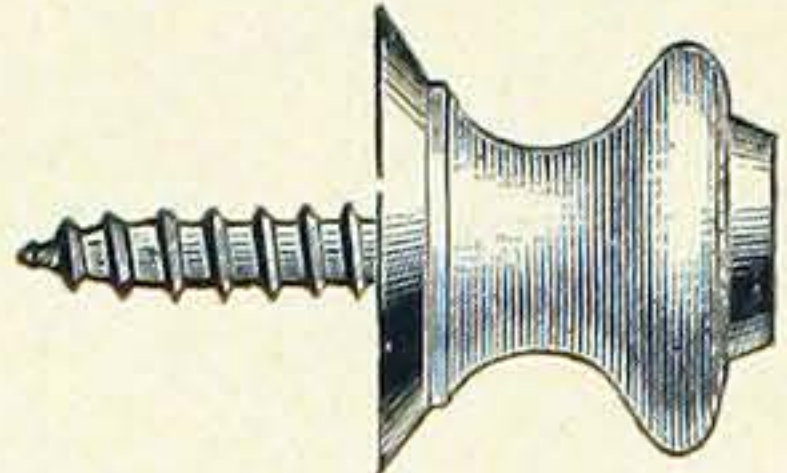
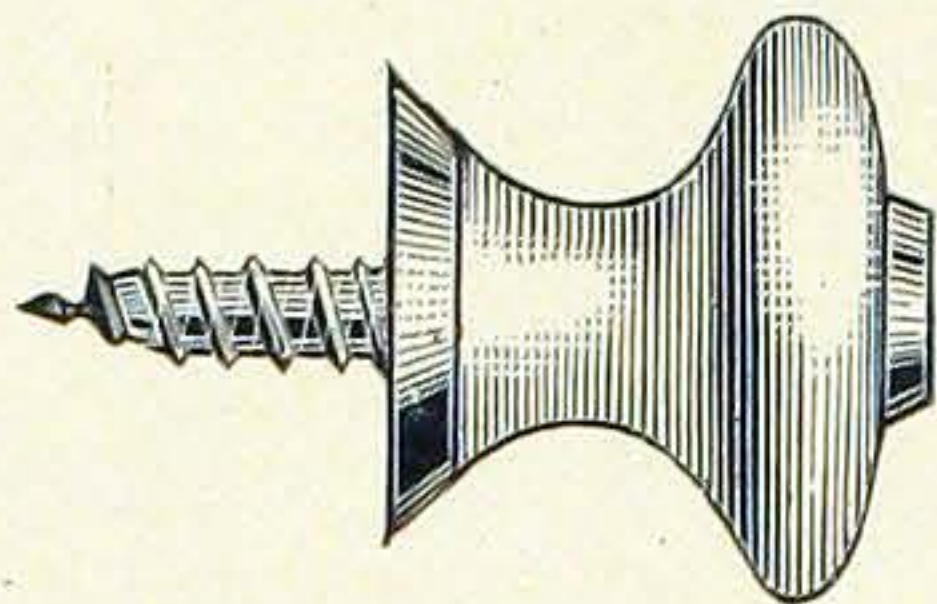
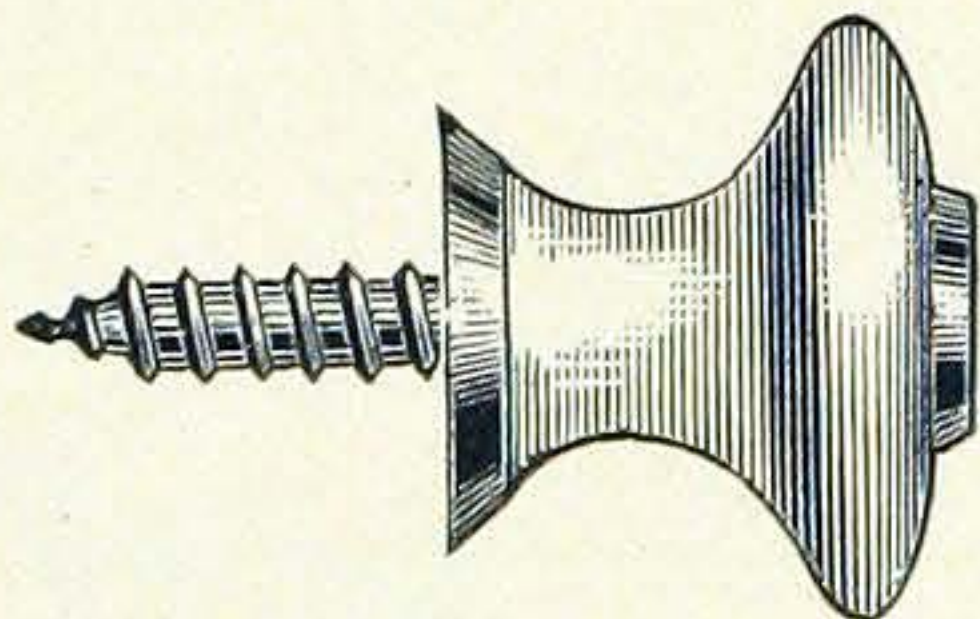
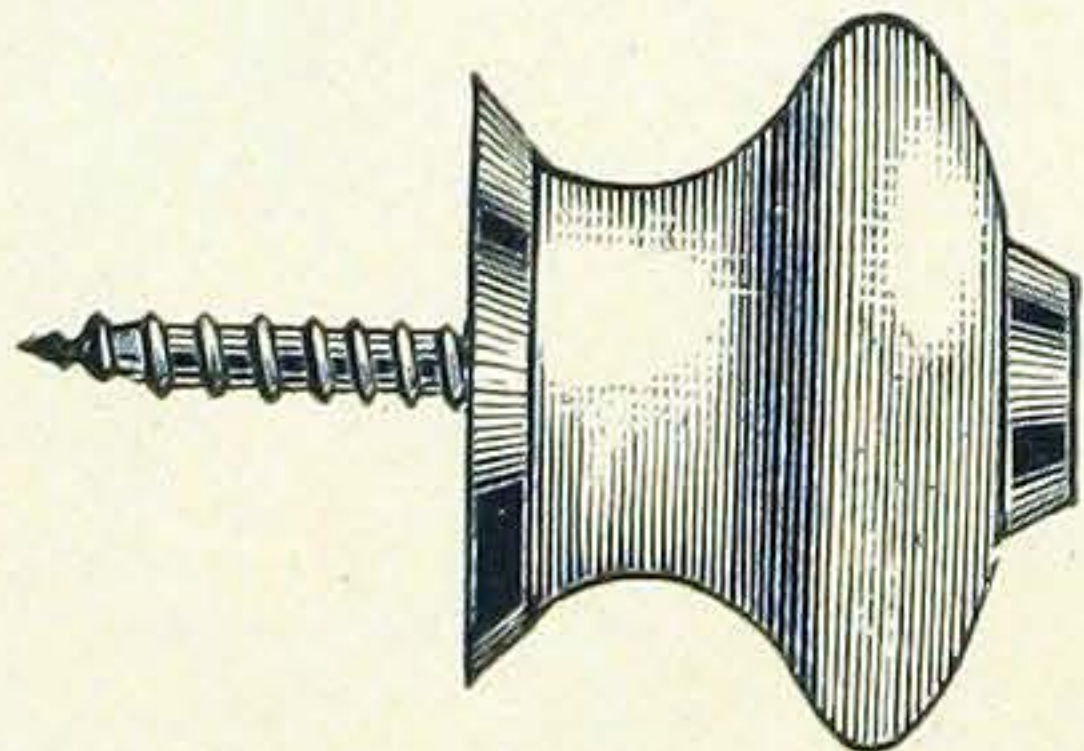
Packed one-quarter gross in a box.

PORCELAIN SHUTTER KNOBS.

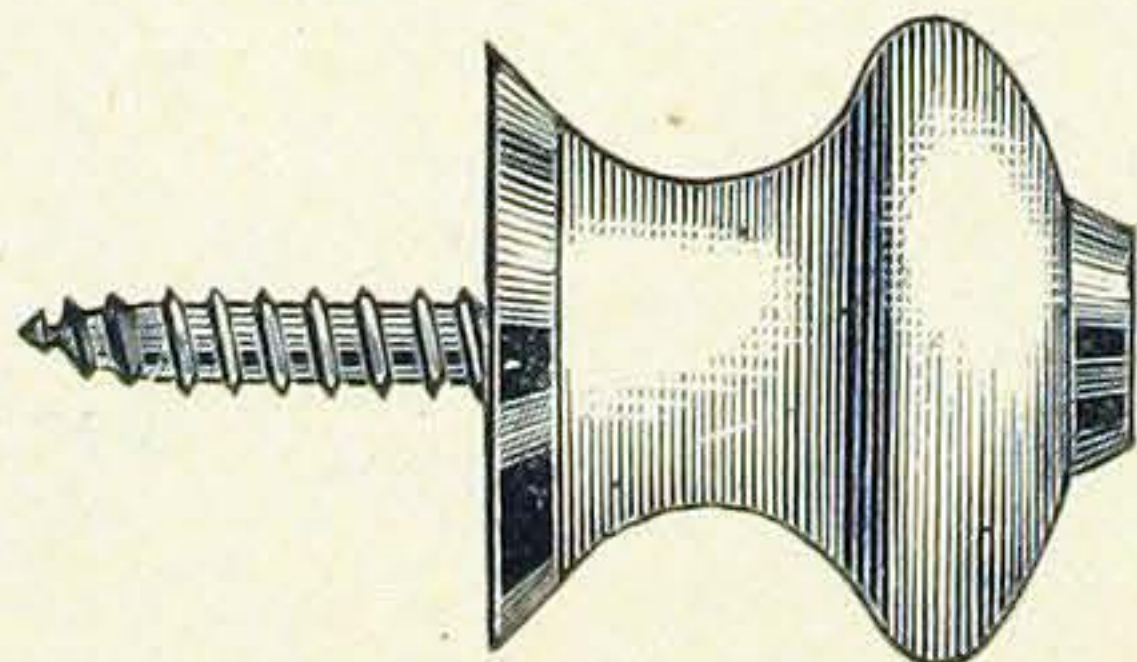
Extra Bright Tinned Screws, Silver Plated and Burnished Bases under Screw Head and Knob.

CUTS FULL SIZE.

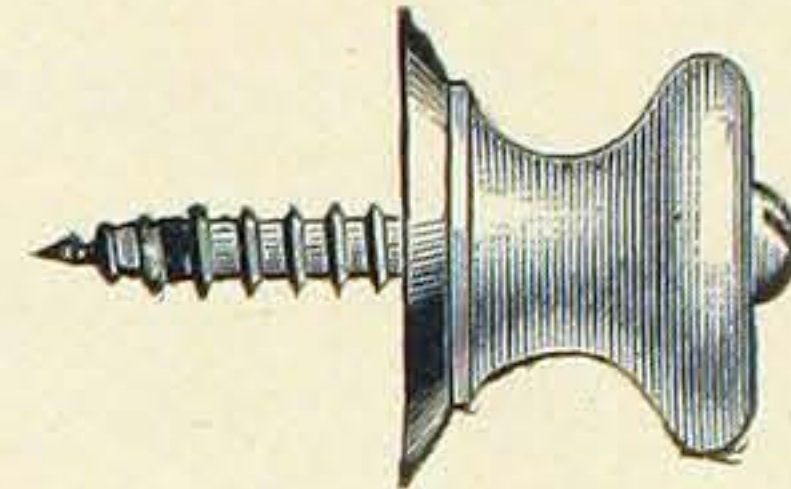
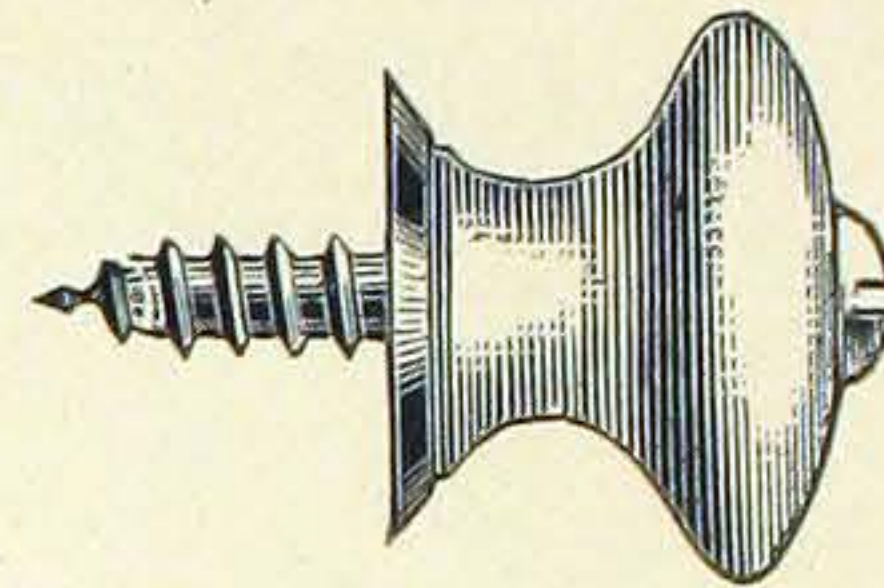
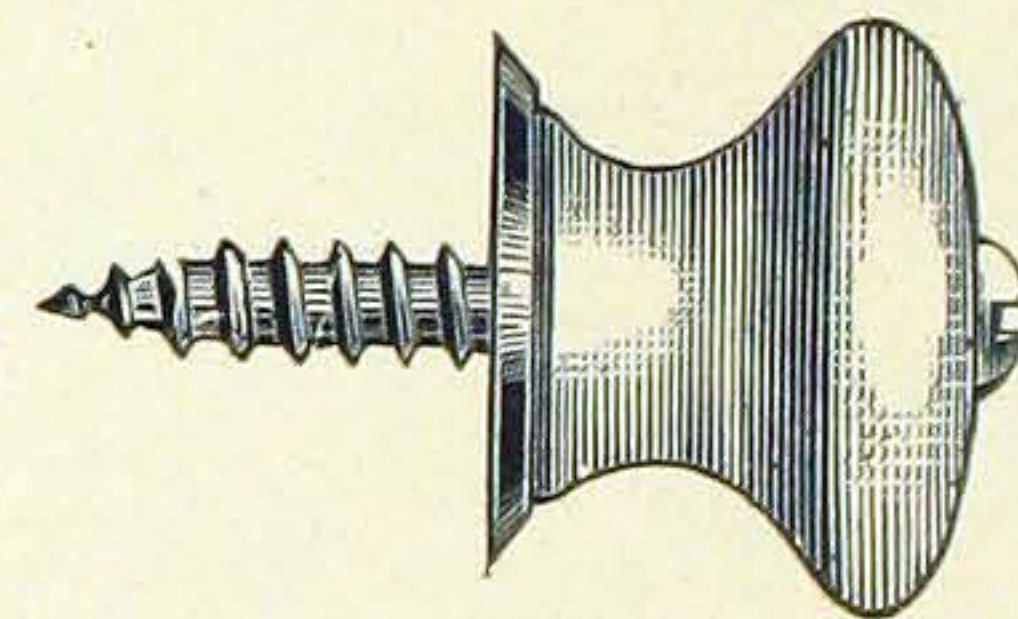
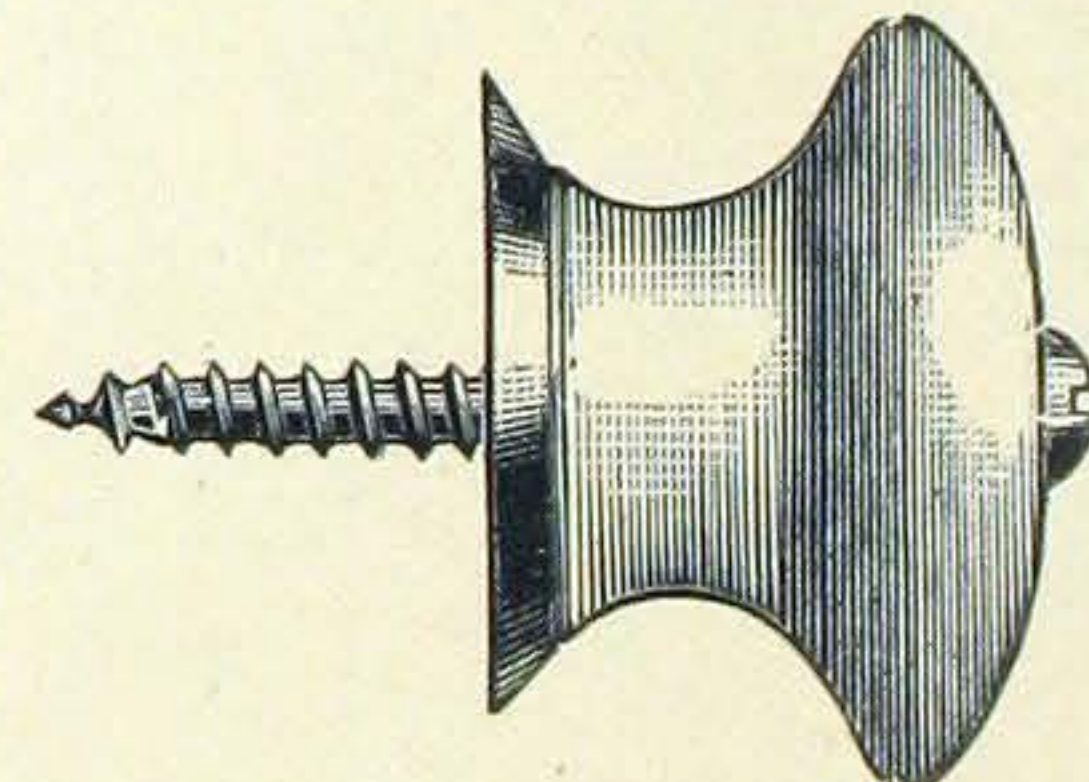
Flat Head Screw.

No. 40, $\frac{5}{8}$ inch.No. 41, $\frac{3}{4}$ inch.No. 42, $\frac{7}{8}$ inch.

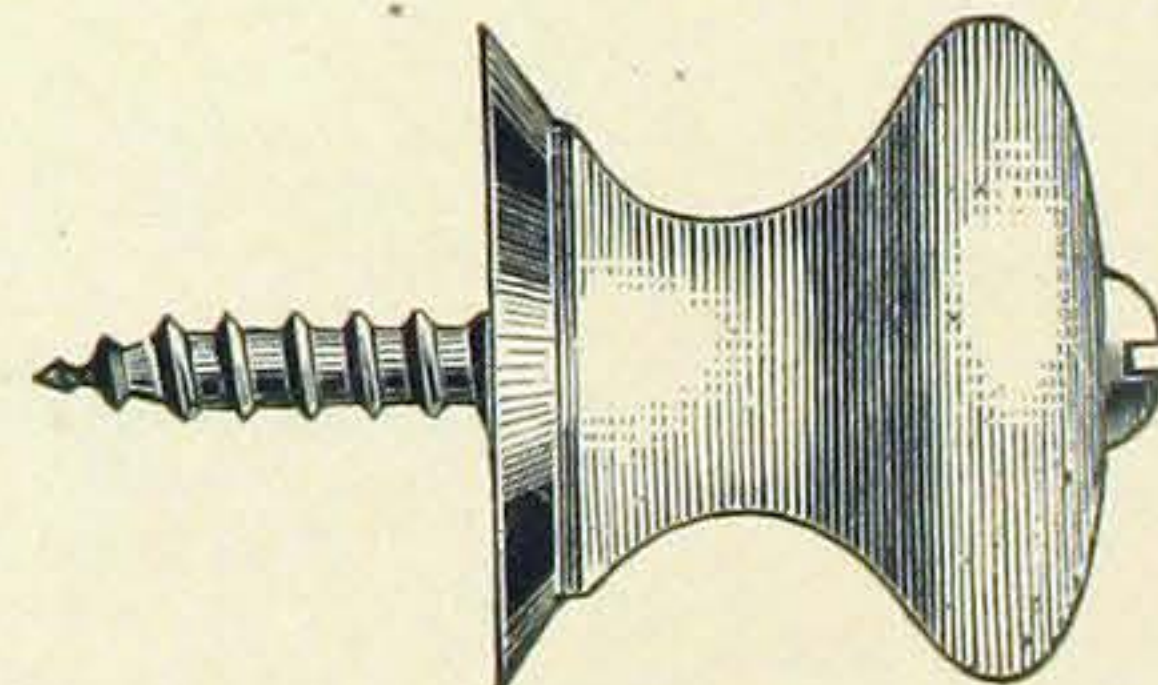
No. 43, 1 inch.

No. 44, $1\frac{1}{8}$ inch.

Round Head Screw.

No. 30, $\frac{5}{8}$ inch.No. 31, $\frac{3}{4}$ inch.No. 32, $\frac{7}{8}$ inch.

No. 33, 1 inch.

No. 34, $1\frac{1}{8}$ inch.

No. 40, $\frac{5}{8}$ inch Knob,	per gro, \$2.30
" 41, $\frac{3}{4}$ " "	" 2.40
" 42, $\frac{7}{8}$ " "	" 2.50
" 43, 1 " "	" 2.60
" 44, $1\frac{1}{8}$ " "	" 2.70

No. 30, $\frac{5}{8}$ inch Knob,	per gro., \$2.15
" 31, $\frac{3}{4}$ " "	" 2.20
" 32, $\frac{7}{8}$ " "	" 2.30
" 33, 1 " "	" 2.40
" 34, $1\frac{1}{8}$ " "	" 2.50

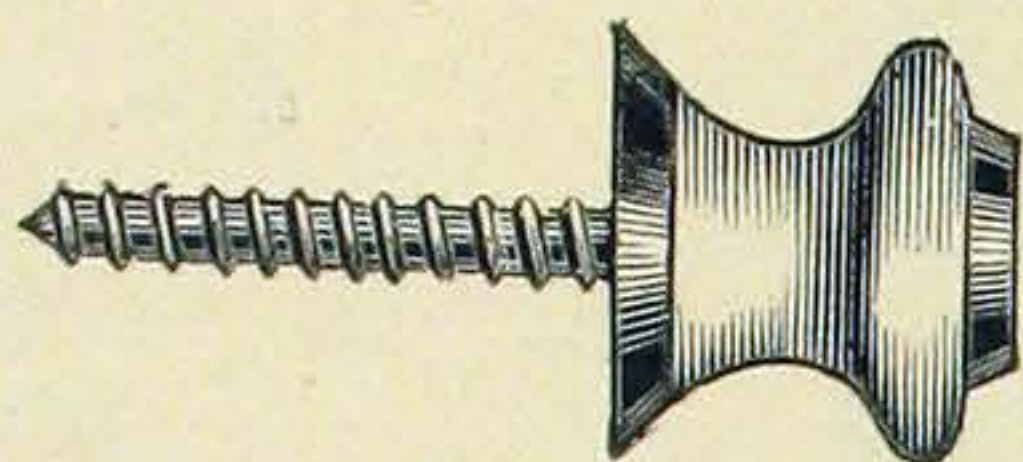
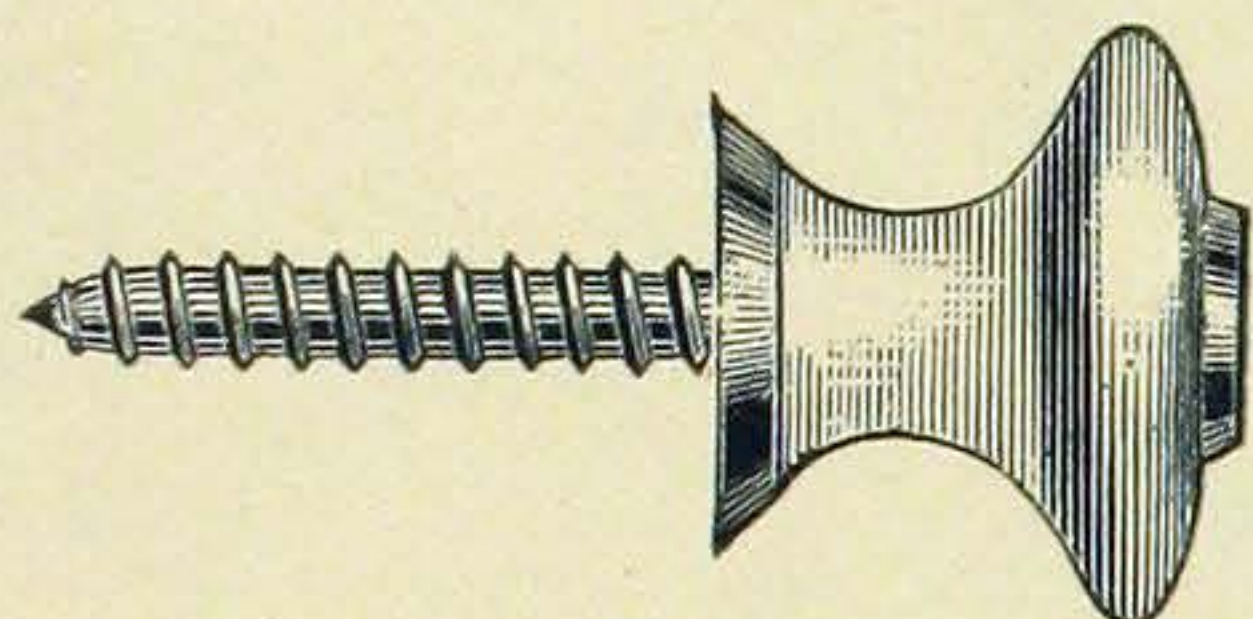
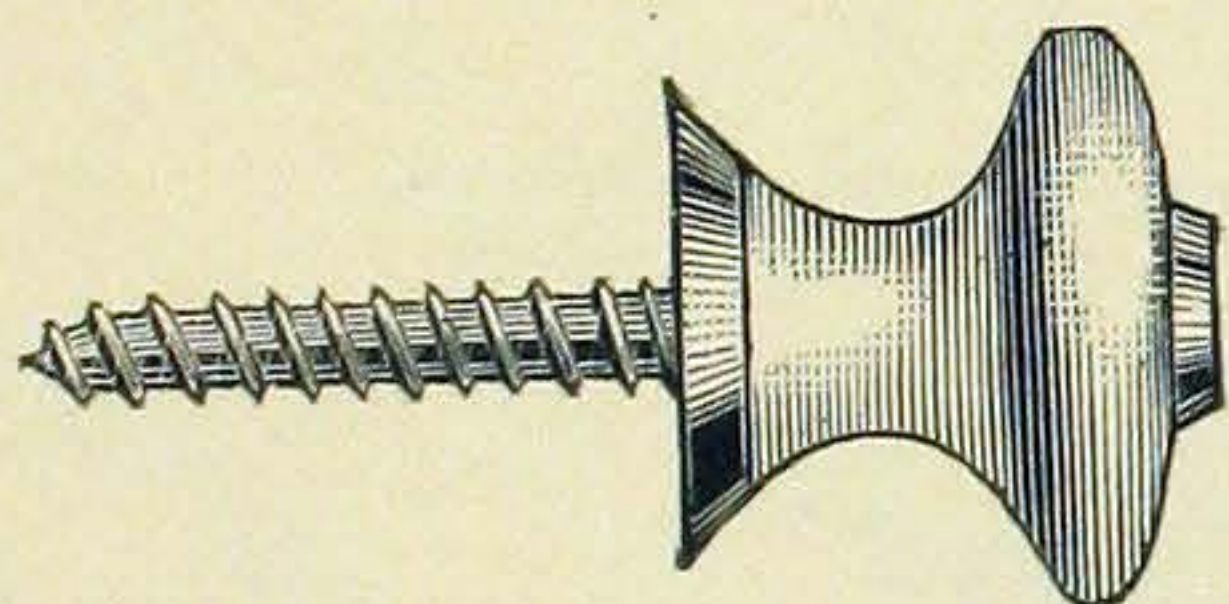
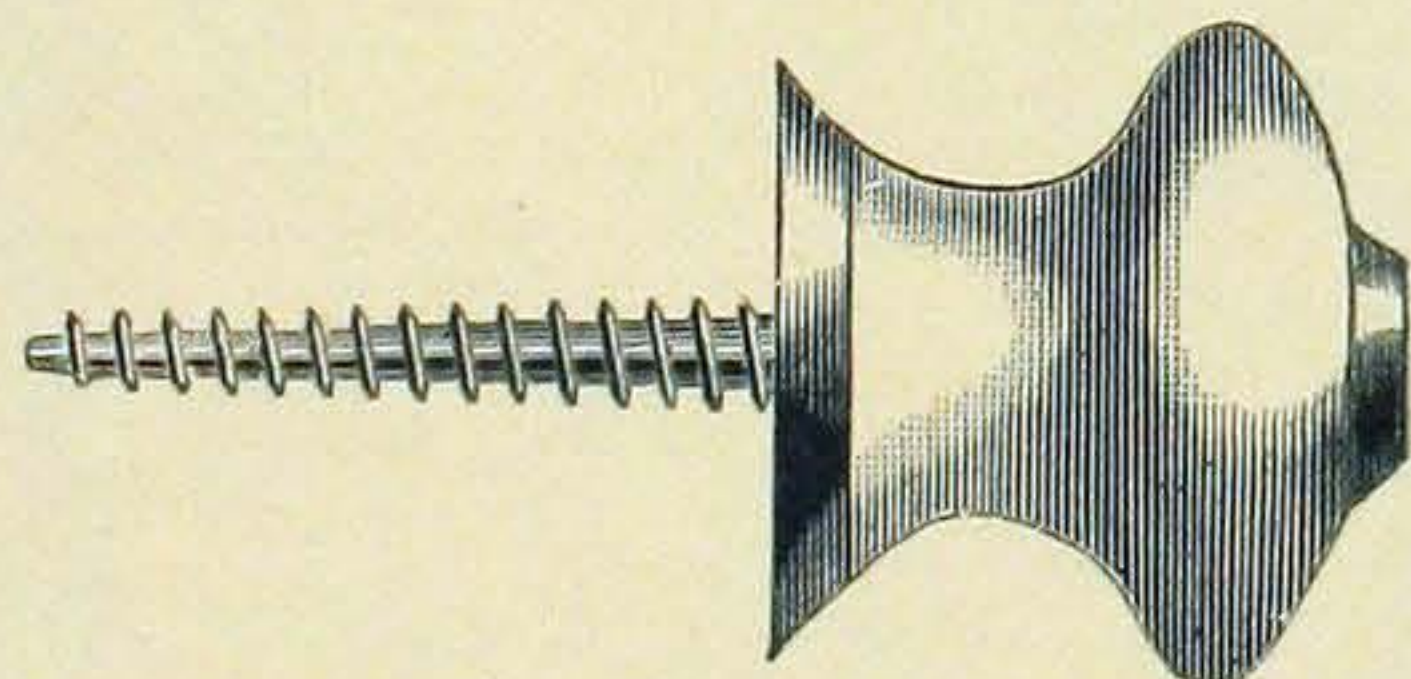
Packed one-quarter gross in a box.

PORCELAIN PICTURE KNOBS.

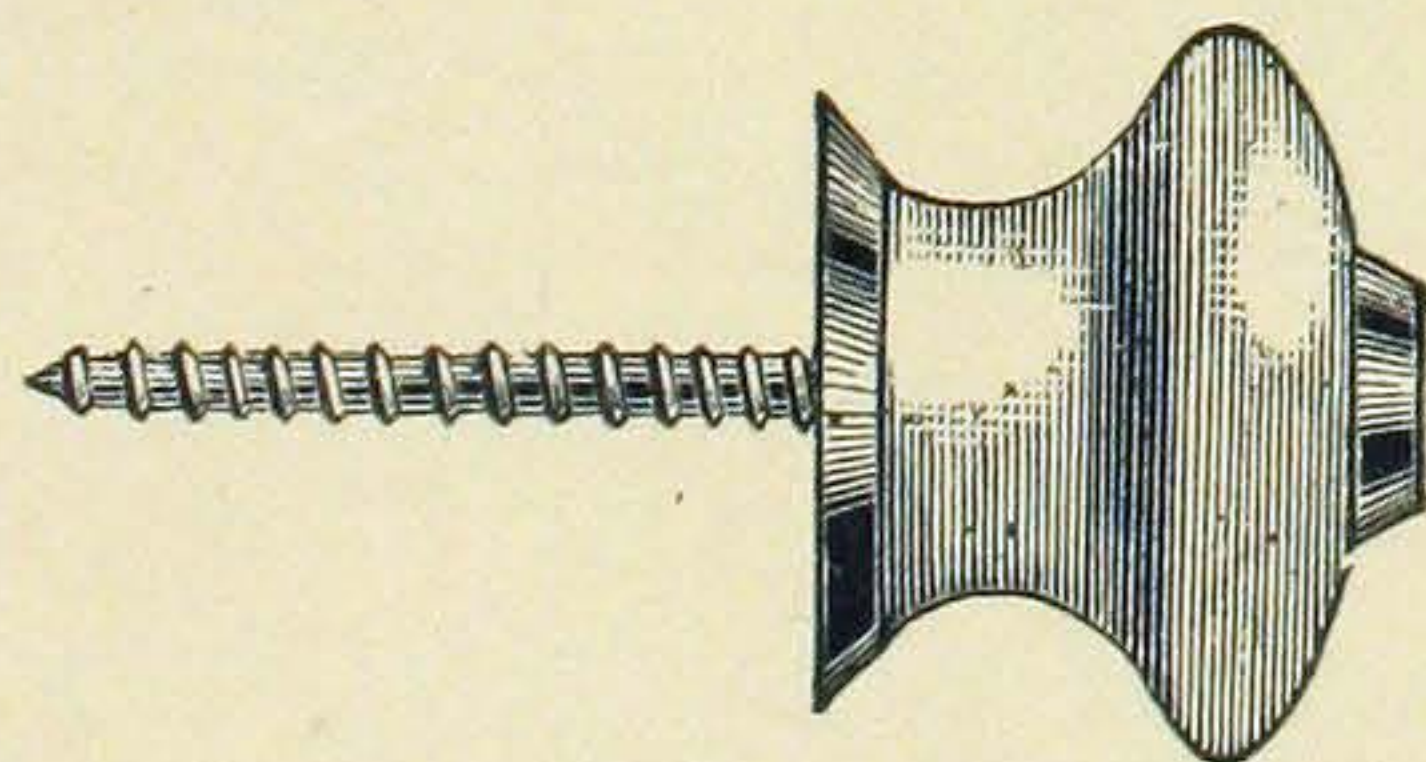
CUTS FULL SIZE.

Long Flat Head.

Extra Bright Tinned Screws, Silver Plated and Burnished Base under Screw Head and Knob.

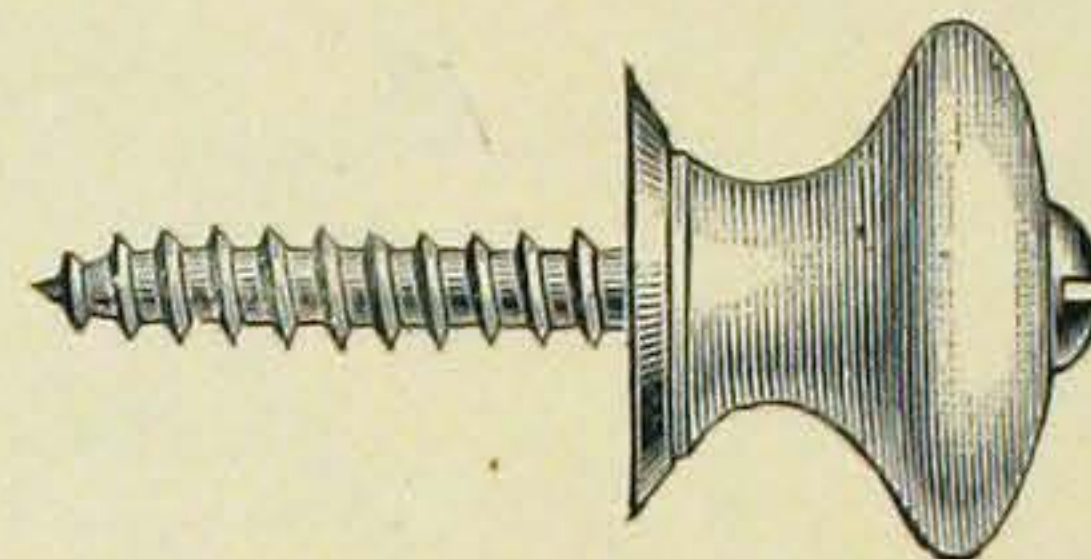
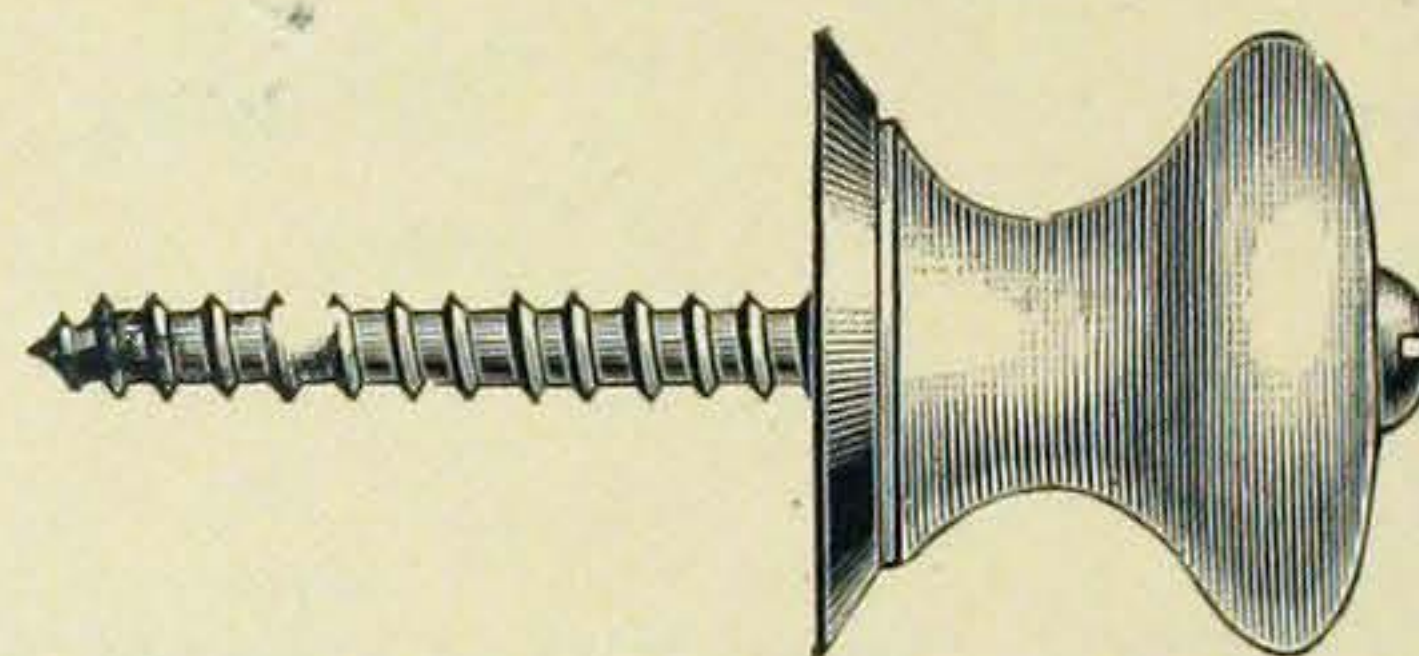
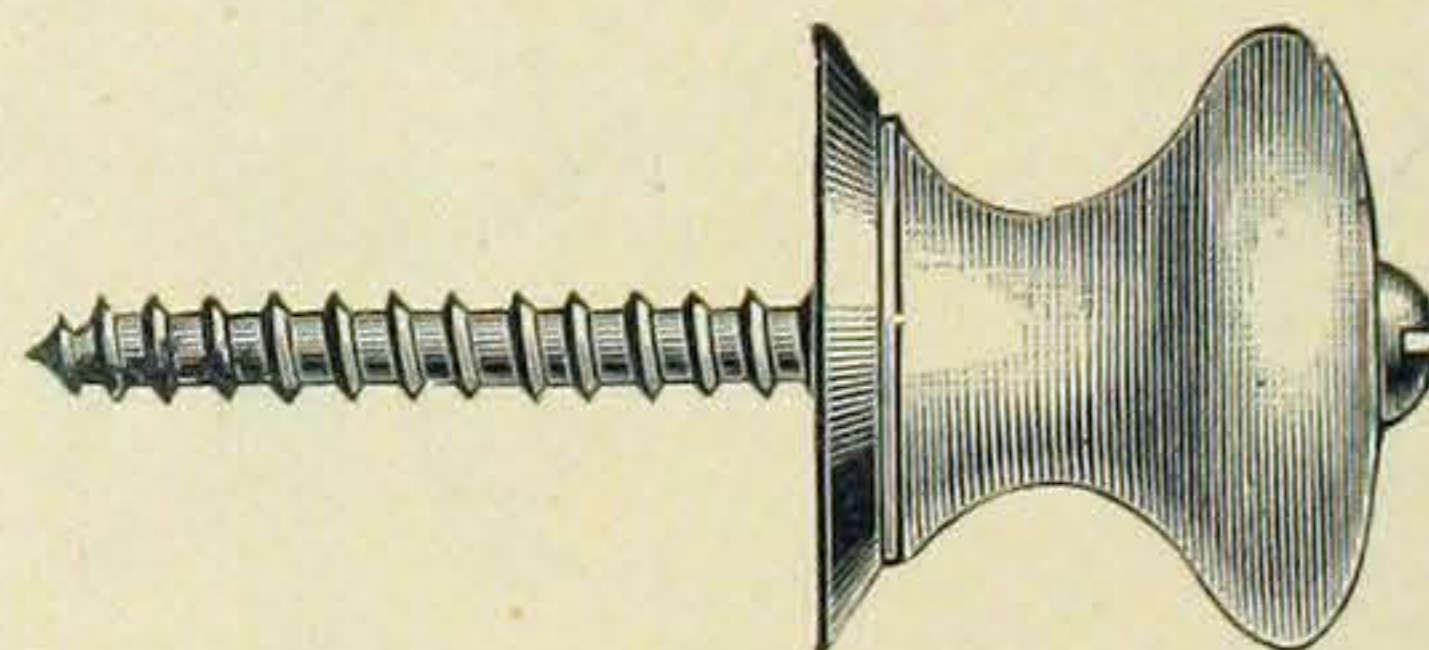
No. 99, $\frac{5}{8}$ inch.No. 100, $\frac{3}{4}$ inch.No. 101, $\frac{7}{8}$ inch.

No. 102, 1 inch.

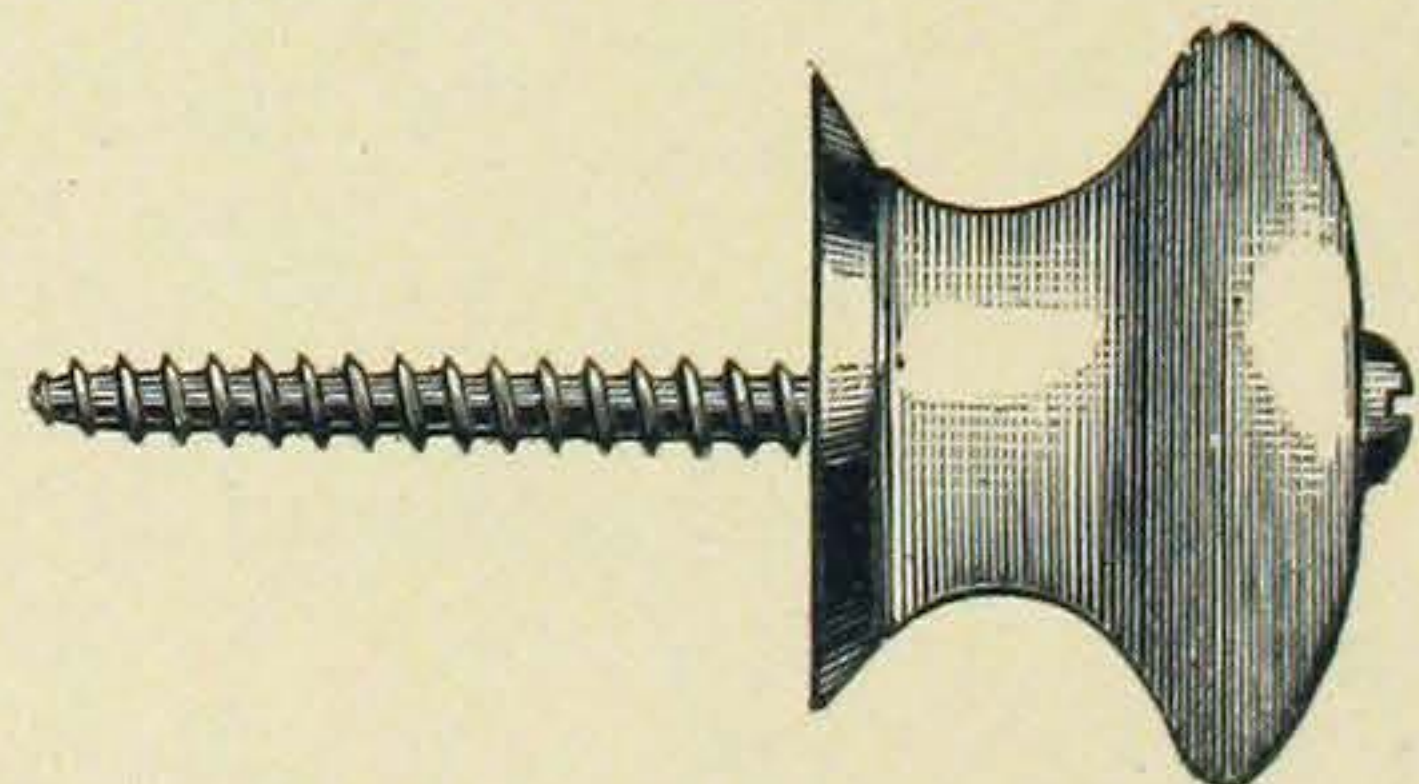
No. 103, $1\frac{1}{8}$ inch.

Round Head.

Extra Bright Tinned Screws, Silver Plated and Burnished Bases; also Tinned Bases.

No. 0, $\frac{3}{4}$ inch.No. 1, $\frac{7}{8}$ inch.

No. 2, 1 inch.

No. 3, $1\frac{1}{8}$ inch.

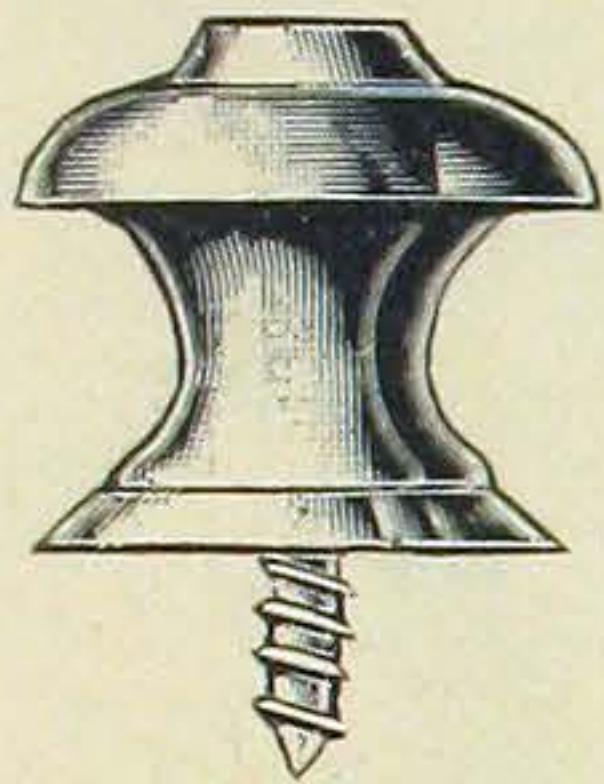
No. 99, $\frac{5}{8}$ inch knob,	per gross, \$2.30
" 100, $\frac{3}{4}$ "	" 2.40
" 101, $\frac{7}{8}$ "	" 2.50
" 102, 1 "	" 2.60
" 103, $1\frac{1}{8}$ "	" 2.70

No. 0, $\frac{3}{4}$ inch knob, tinned base,	per gross, \$2.20
" 1, $\frac{7}{8}$ "	" 2.30
" 2, 1 "	" 2.40
" 3, $1\frac{1}{8}$ "	" 2.50

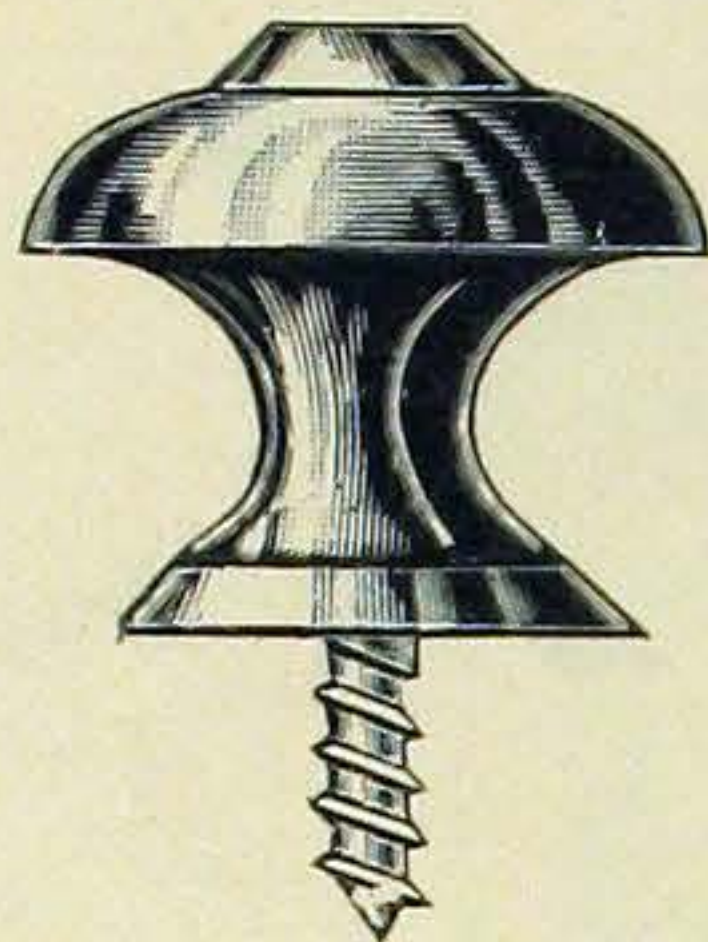
Packed one-quarter gross in a box.

Flat Head Extra Bright Tinned Screws, Silver Plated and Burnished Bases under Screw Head and Knob.

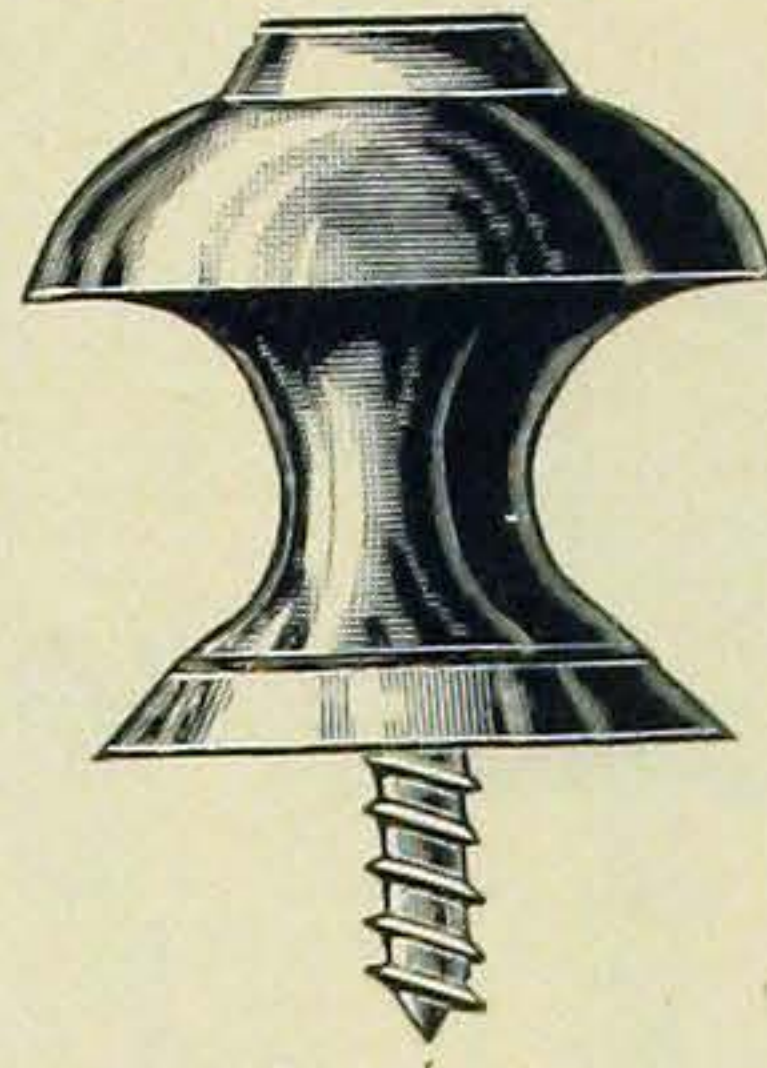
CUTS FULL SIZE—PRICES PER GROSS.



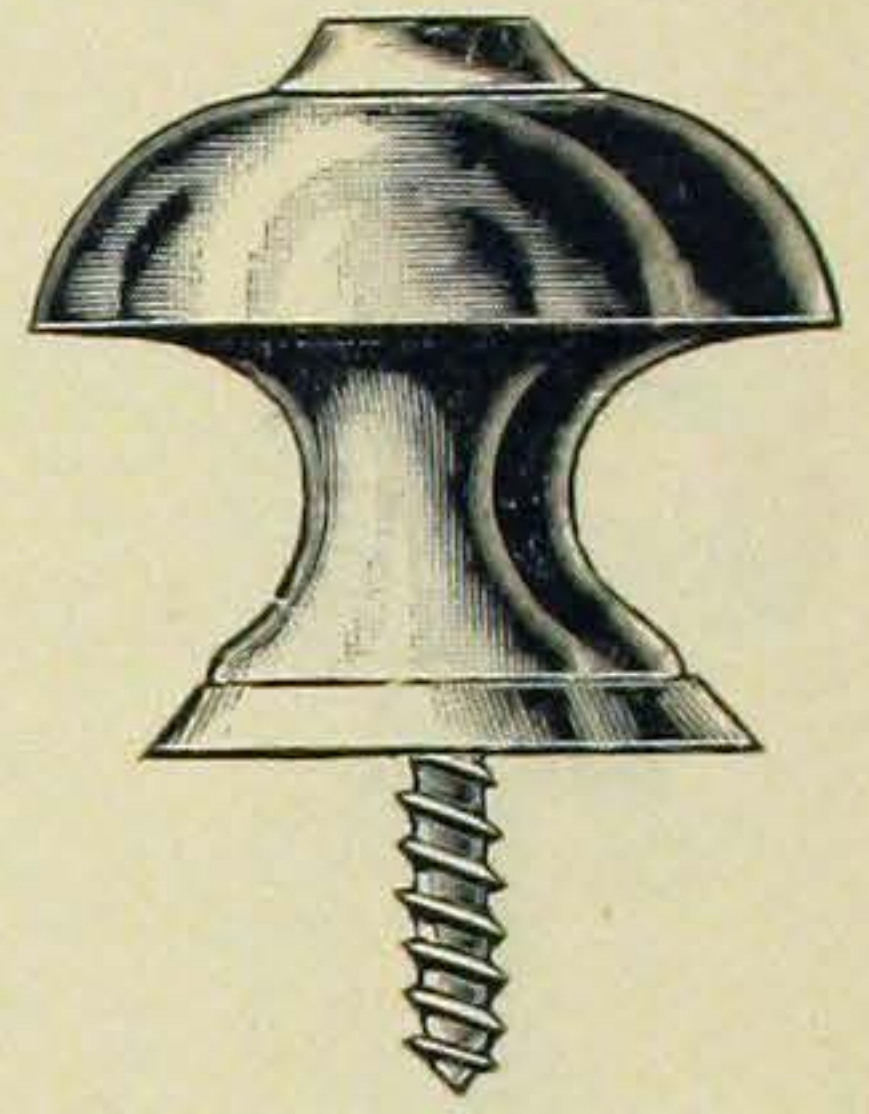
No. 400.



No. 401.

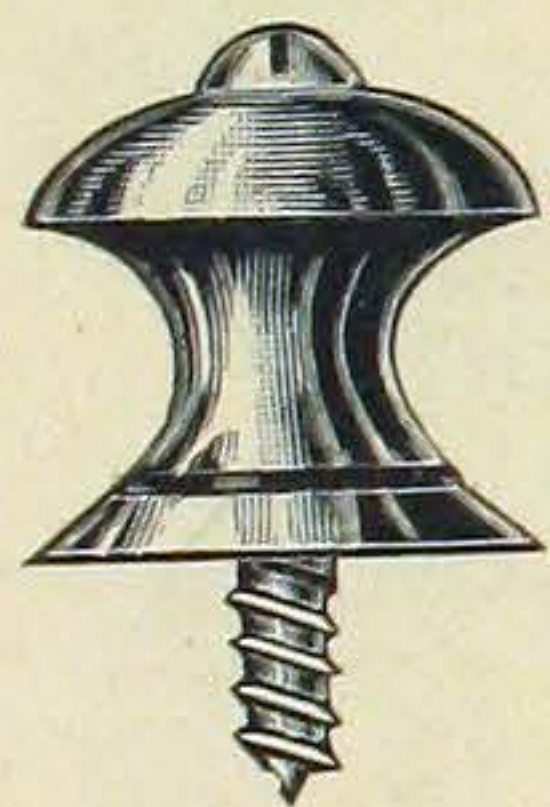


No. 402.

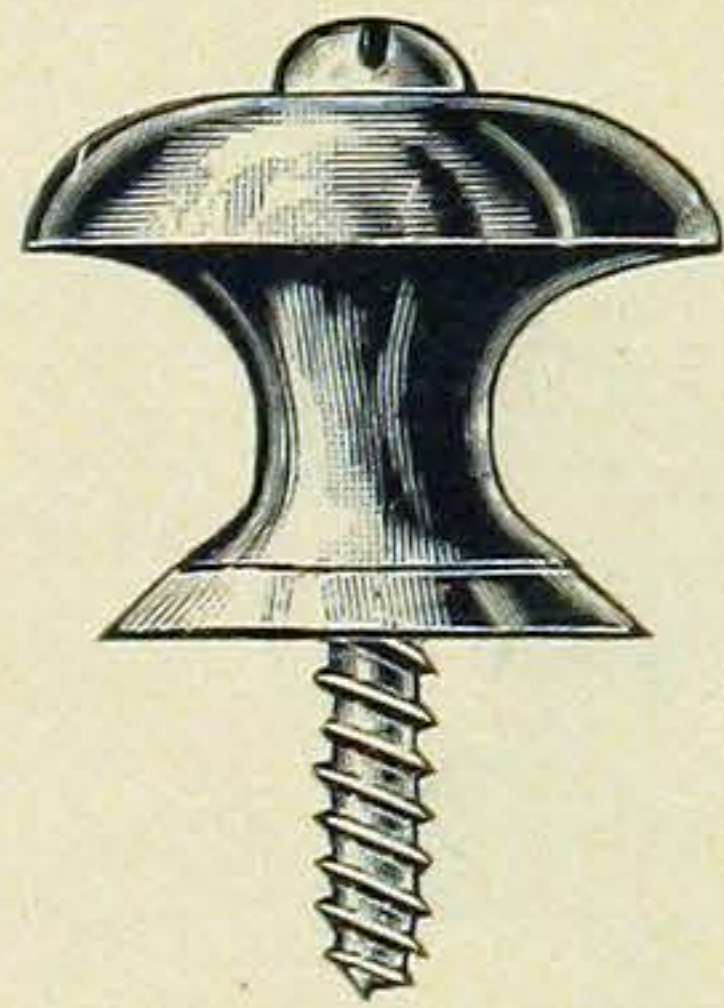


No 403.

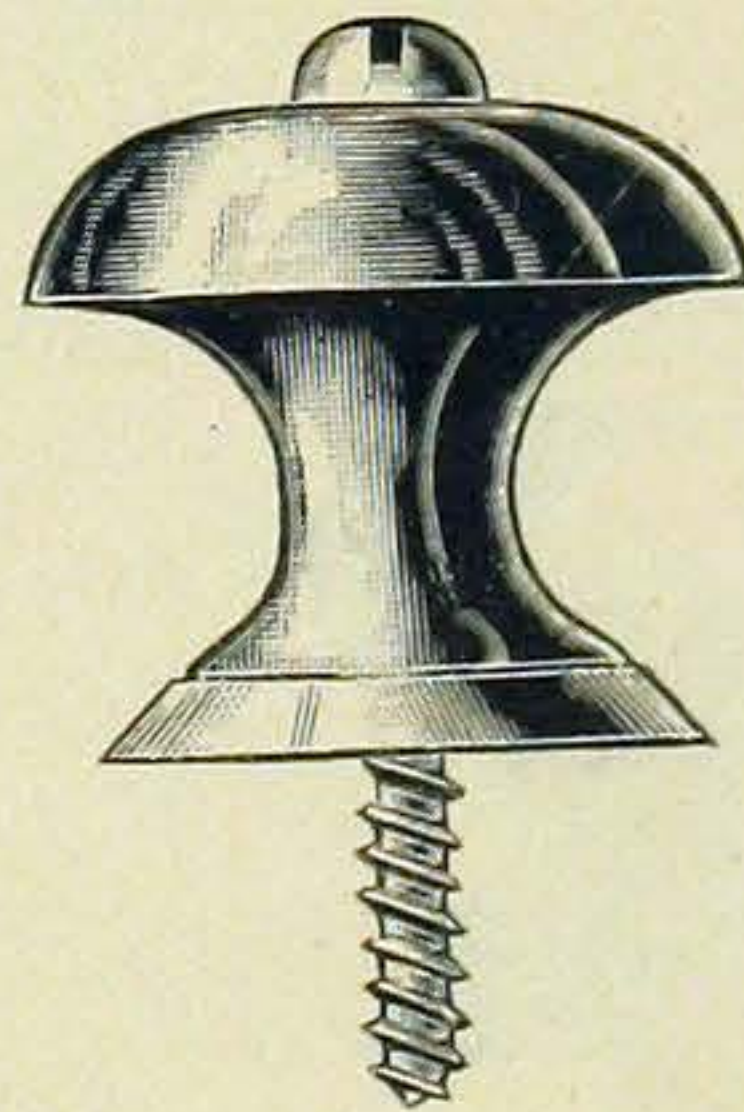
Extra Bright Tinned Screws, with Silver Plated and Burnished Bases.



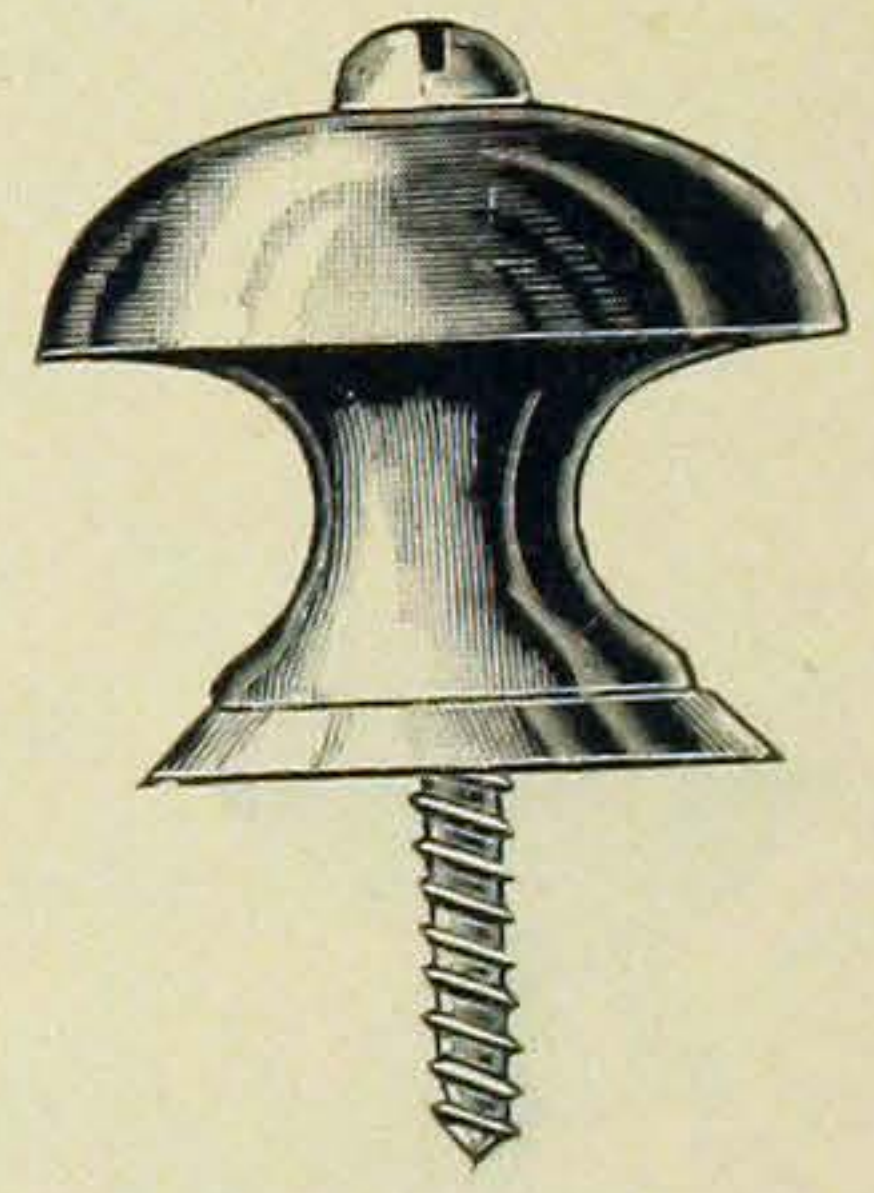
No. 500.



No. 501.



No. 502.



No. 503.

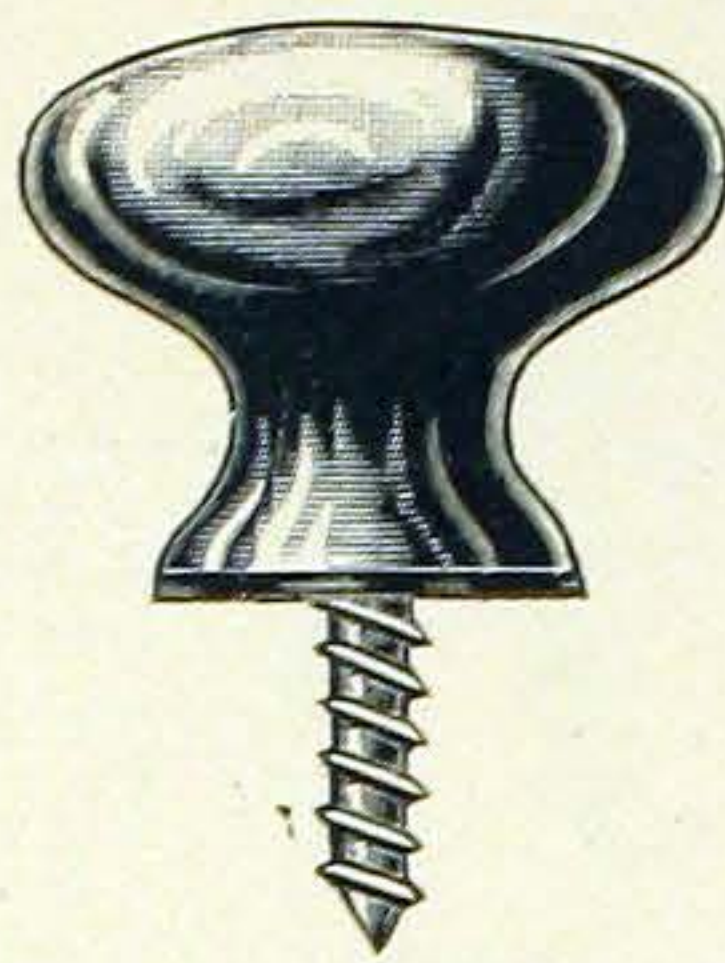
[illegible][illegible]

Packed one-quarter in a gross.

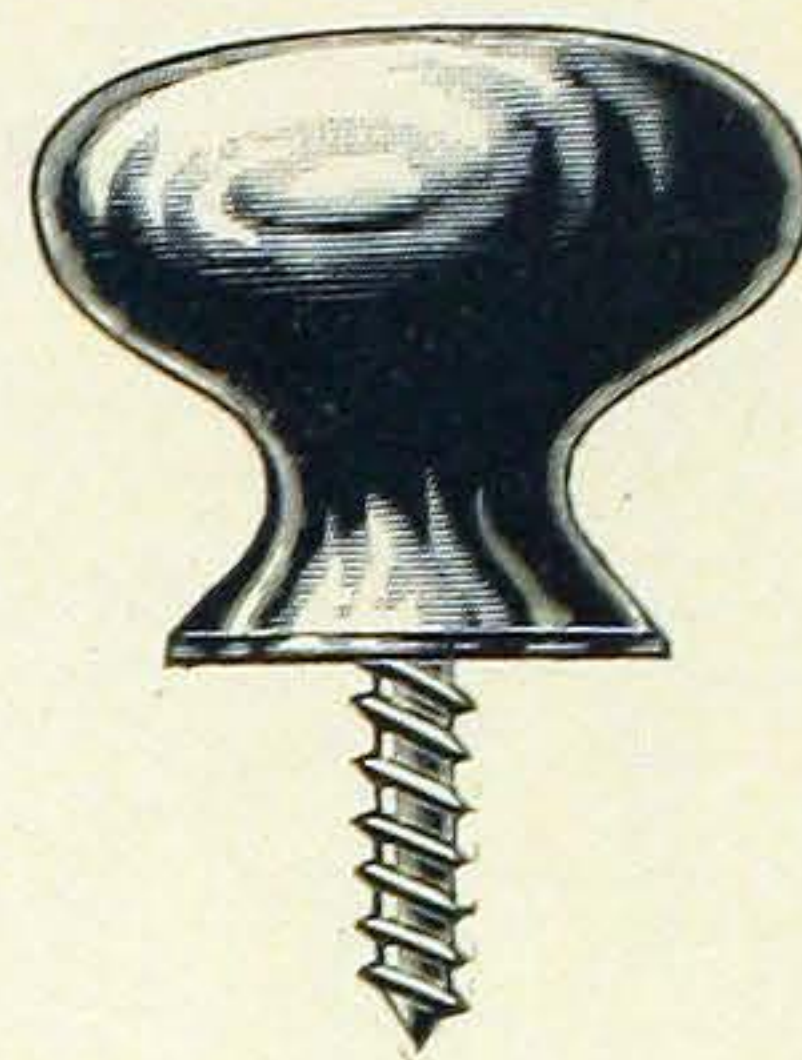
CUTS FULL SIZE—PRICE PER GROSS



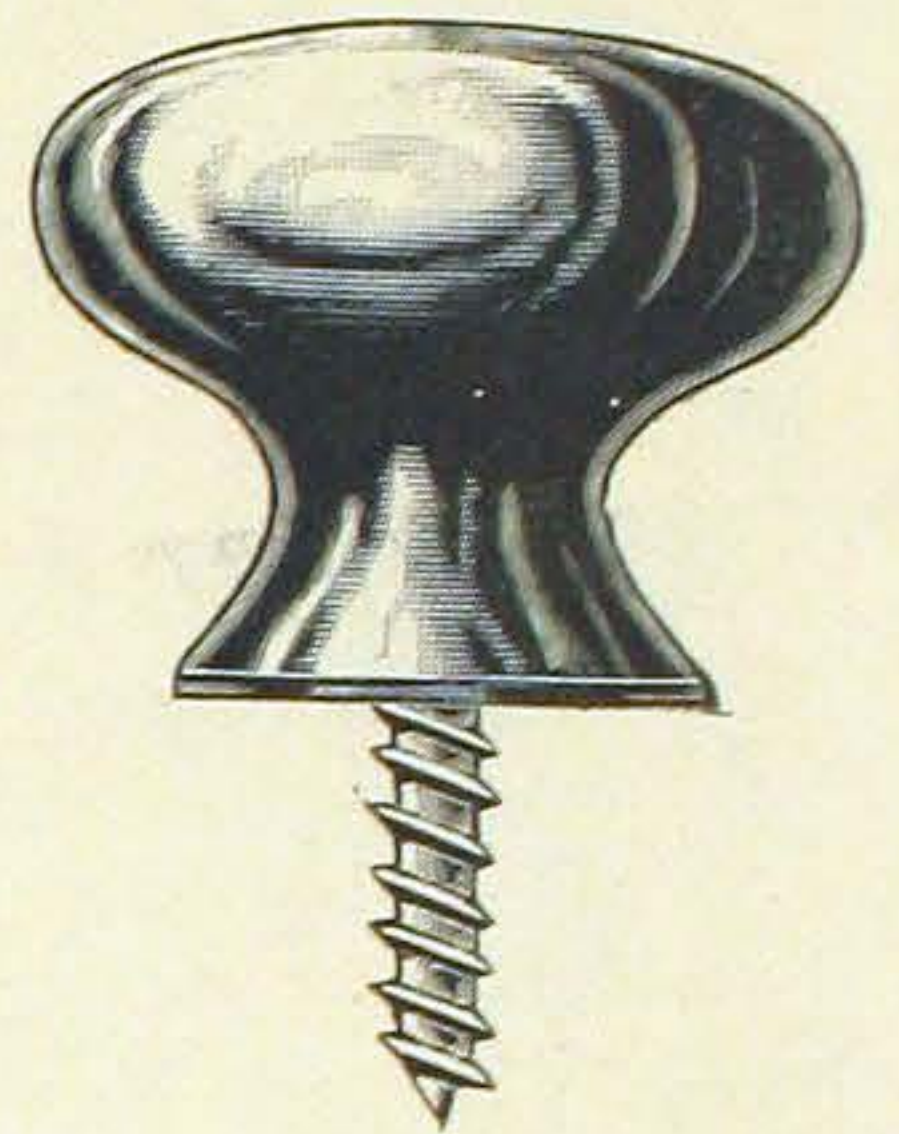
No. 601.



No. 602.

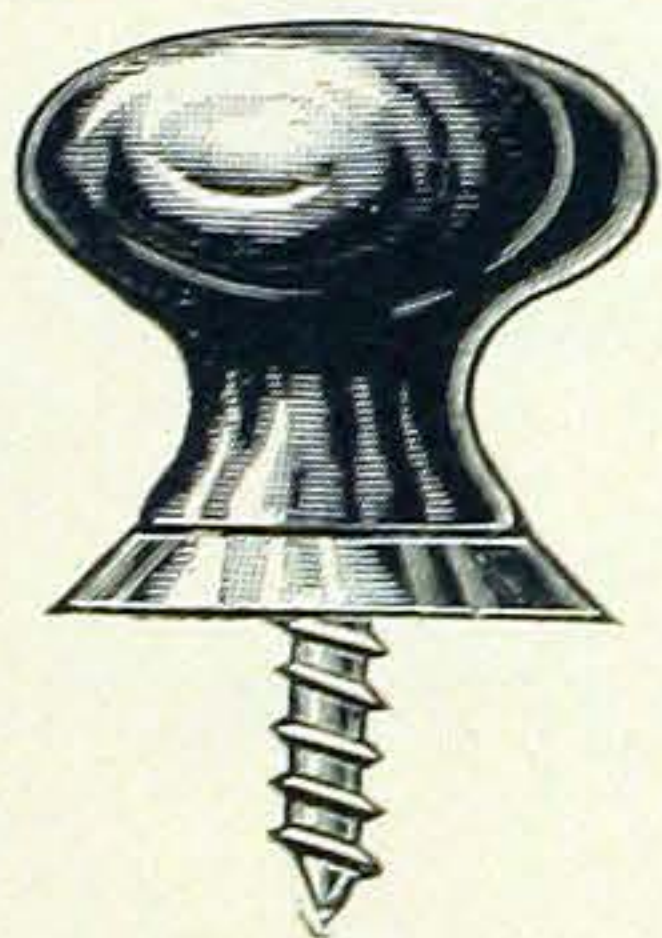


No. 603.

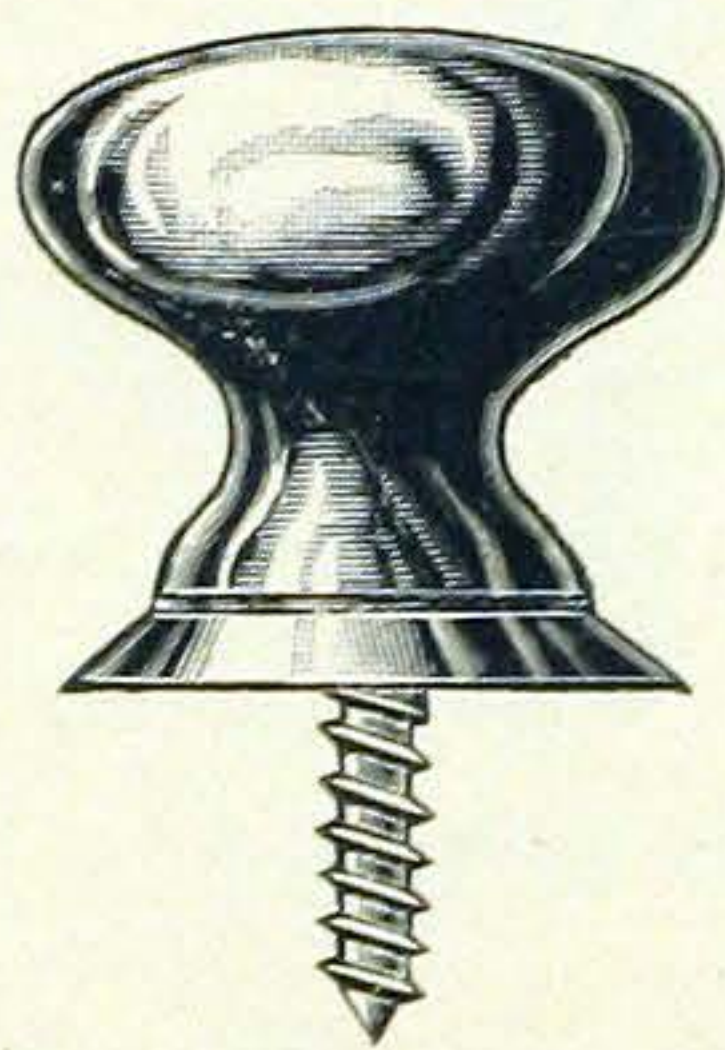


No. 604.

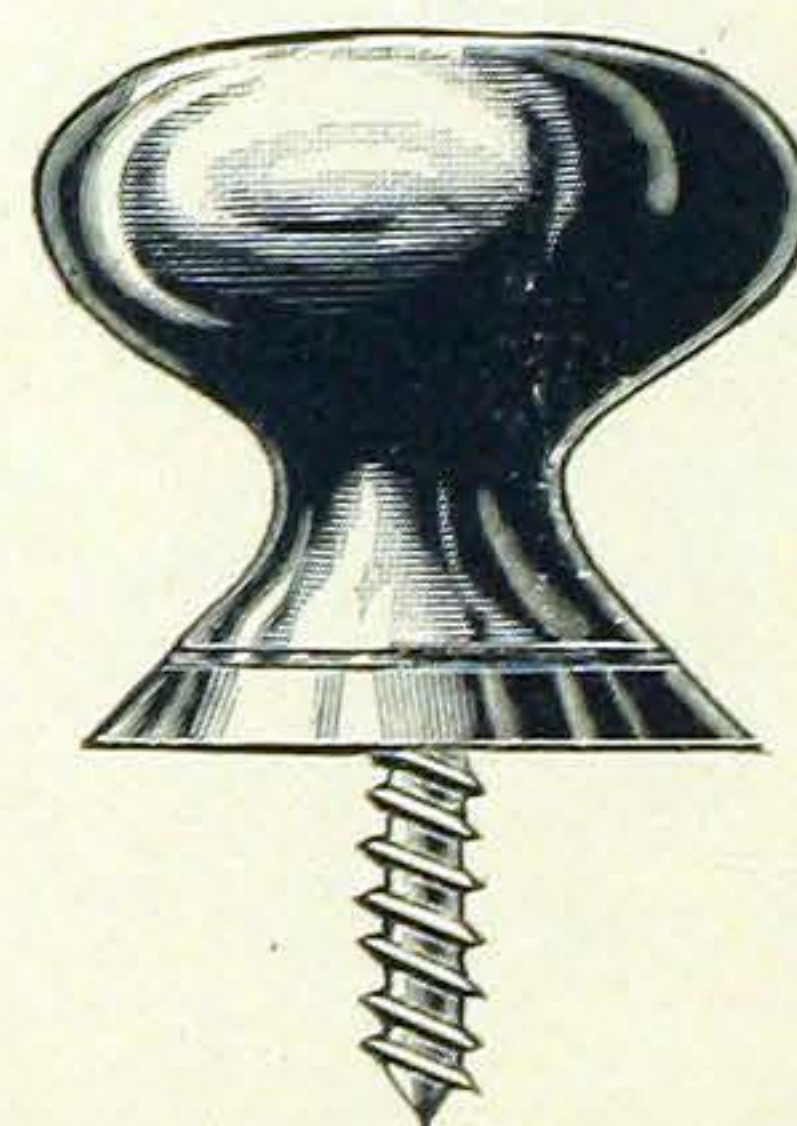
Silver Plated and Burnished Base.



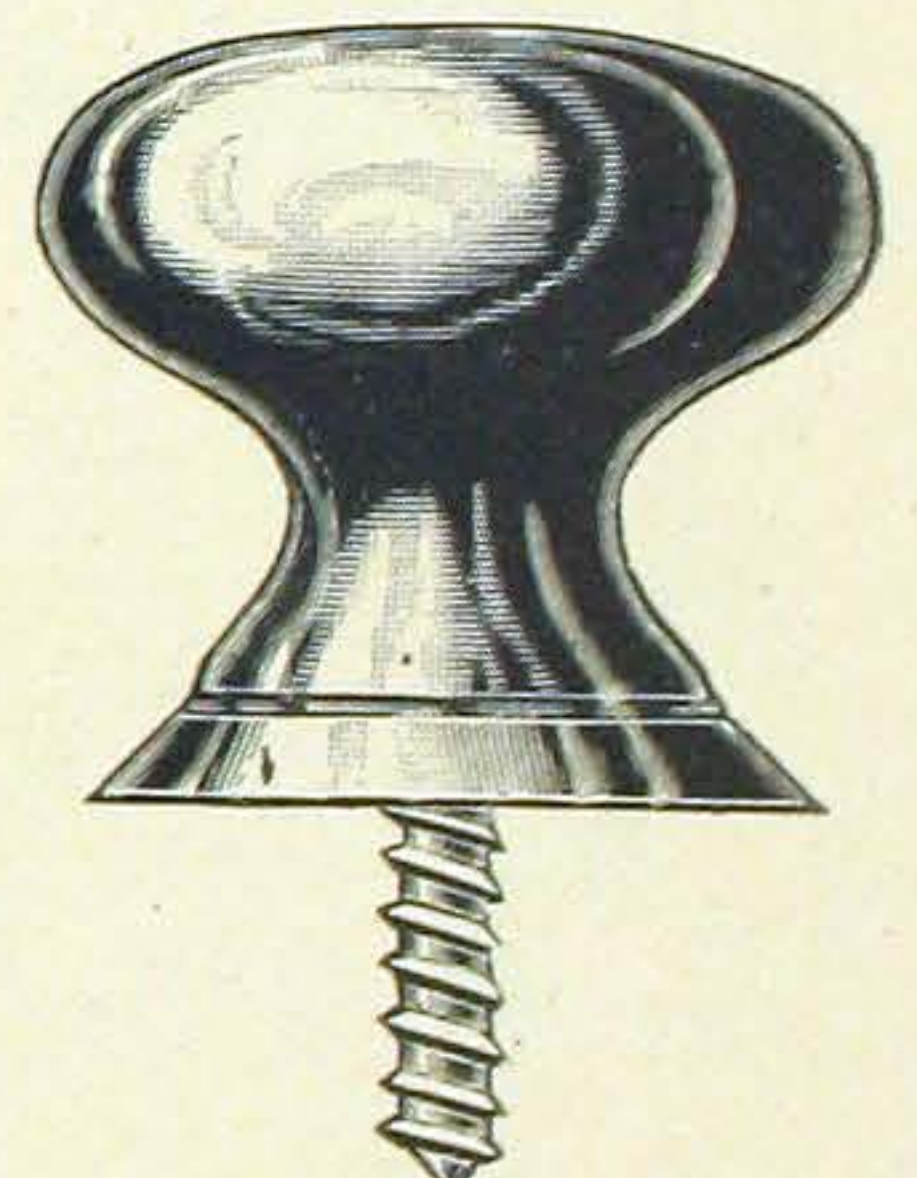
No. 701.



No. 702.



No. 703.



No. 704.

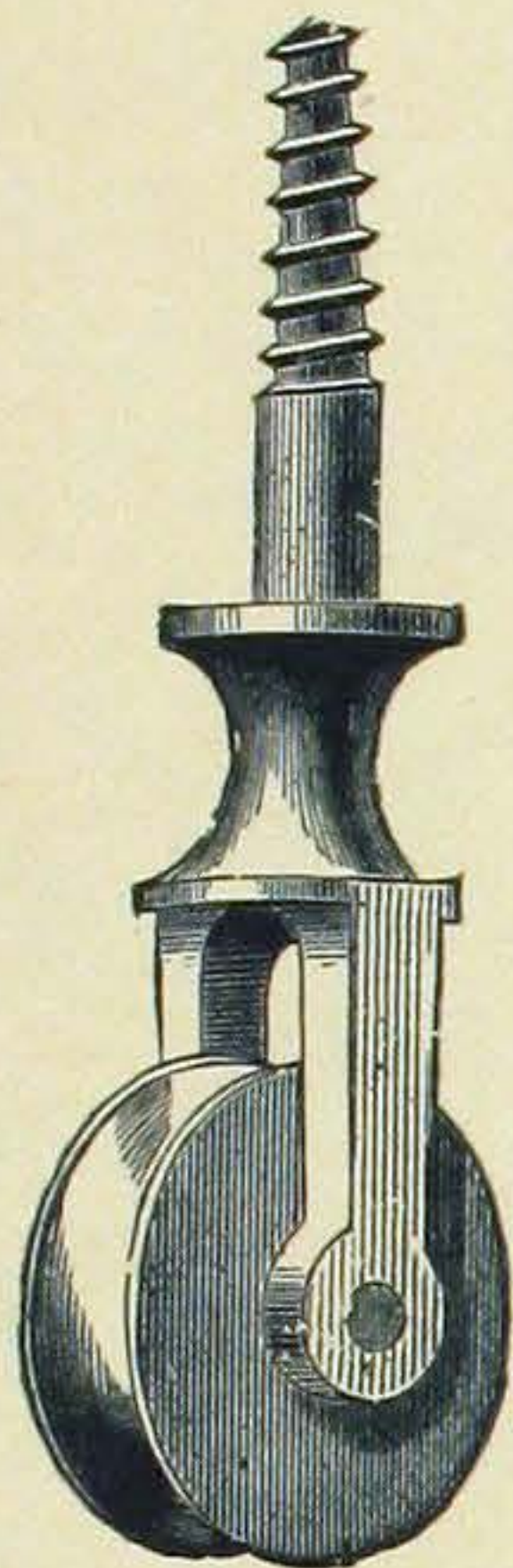
[illegible]

We make these Knobs with gilt base and screws, also fancy gilt bases subject to special contract.

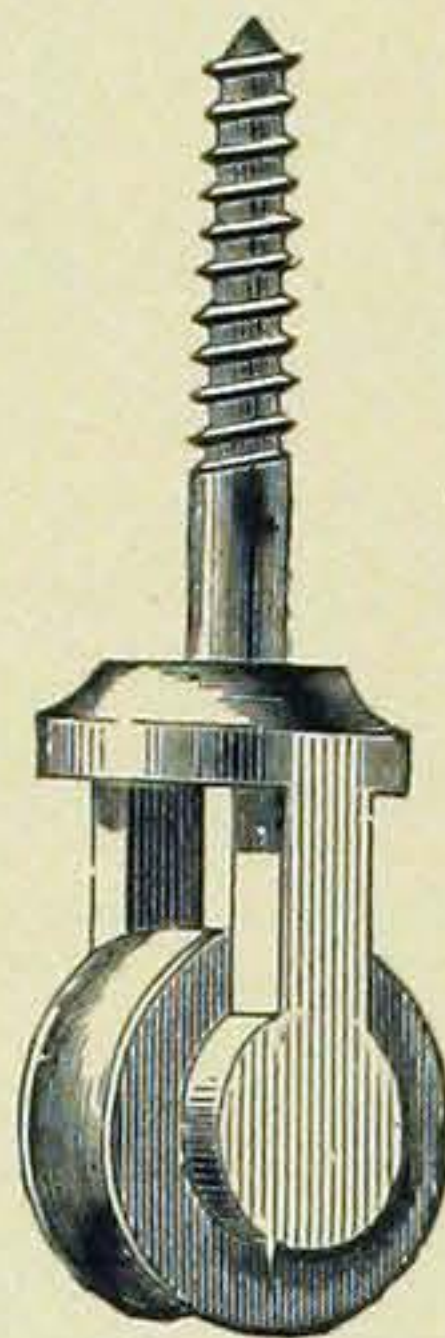
Packed one-quarter gross in a box.

SCREW PULLEYS, CAST BRASS FINISHED AND LACQUERED.

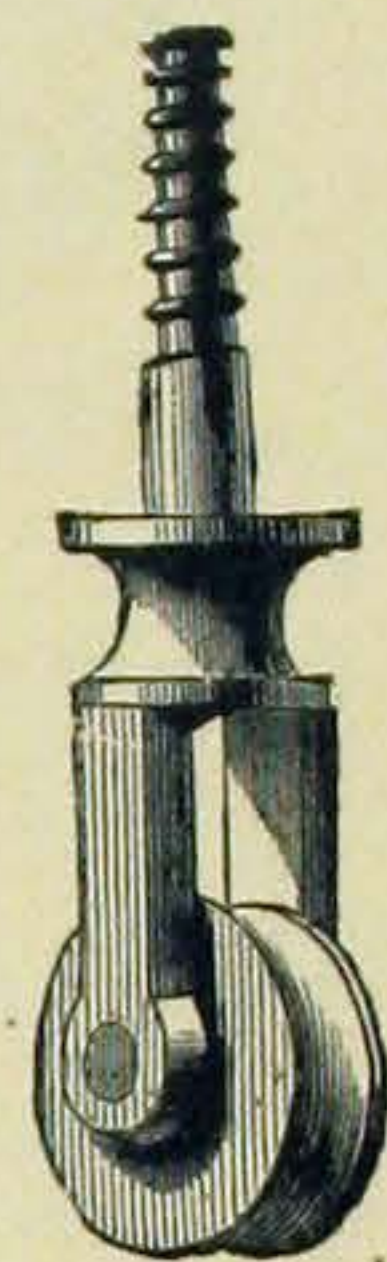
CUTS FULL SIZE--PRICES PER GROSS.



1 inch, No. 25.



$\frac{5}{8}$ inch, No. 22.



$\frac{1}{2}$ inch, No. 21.

Nos.	21	22	23	24	25	26
Inches,	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$
Per gross,	\$12.00	16.00	18.50	22.50	26.00	37.00

Packed one-quarter gross in a box.

SPECIAL SCREWS MADE TO ORDER.

Dowel Screws.



$2\frac{1}{4}$ in. 15.



2 in. 14.



$1\frac{3}{4}$ in. 12.



$1\frac{1}{2}$ in. 12.



$1\frac{1}{4}$ in. 10.

Square Head Screws.

All sizes made to order.



Screws Winged.

All sizes made to order.



Patented, Dec. 14th, 1875.

Screws Winged and Collared.

All sizes made to order.



Patented, Dec. 14th, 1875.

Stamped Head Screw.

All sizes made to order.



For list price on special screws made to order, see regular Flat Head Iron Screw list.

Special screws made in not less than 25 gross of a size.

RICHARDS' PATENT SLIDE HEAD PICTURE NAILS.

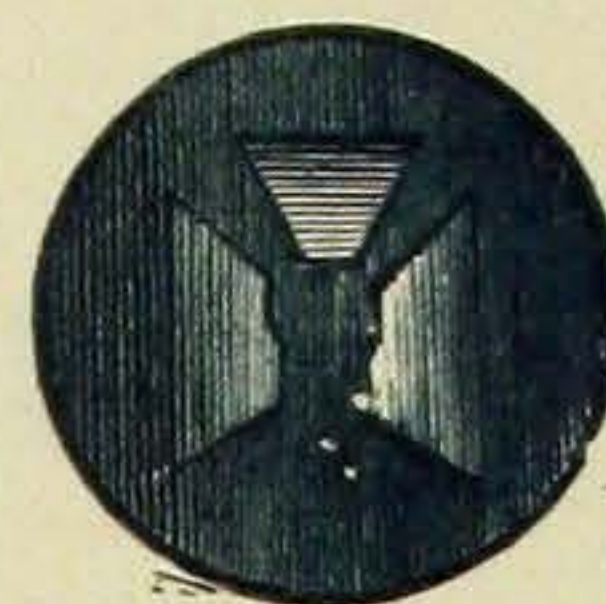
Patented July 27, 1875.

Nails on this page made with Slide Heads only.

CUTS FULL SIZE.

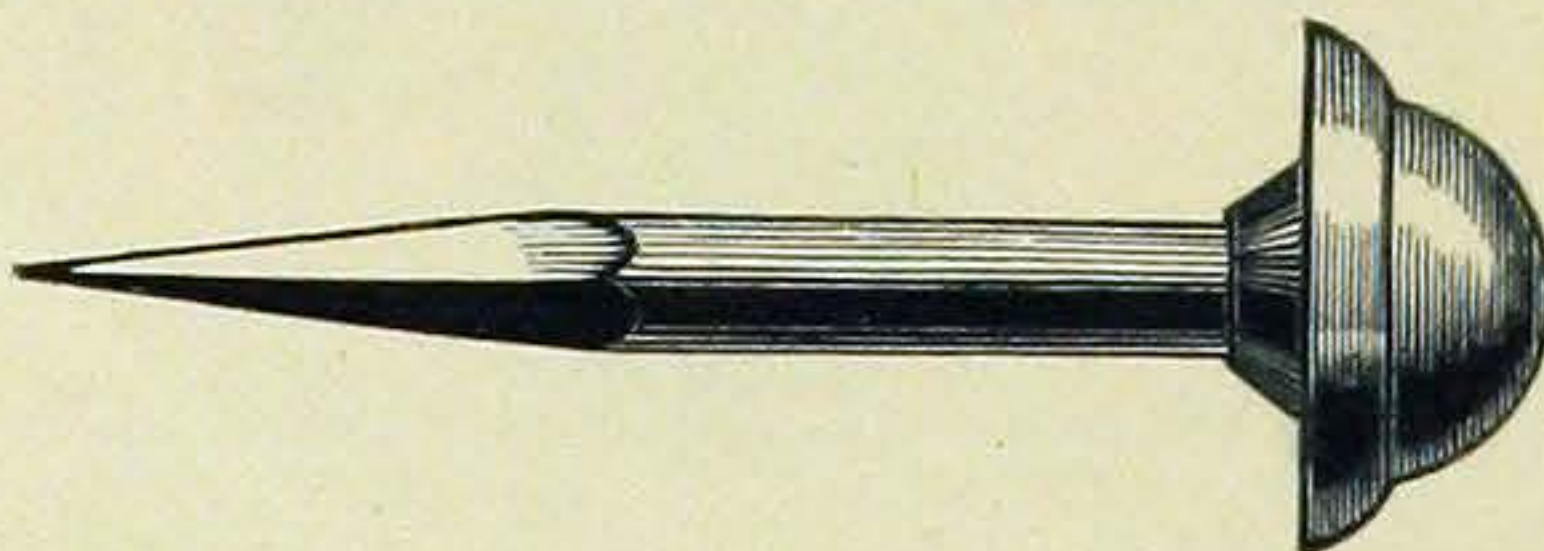


2½ inch spike for slide head nail.



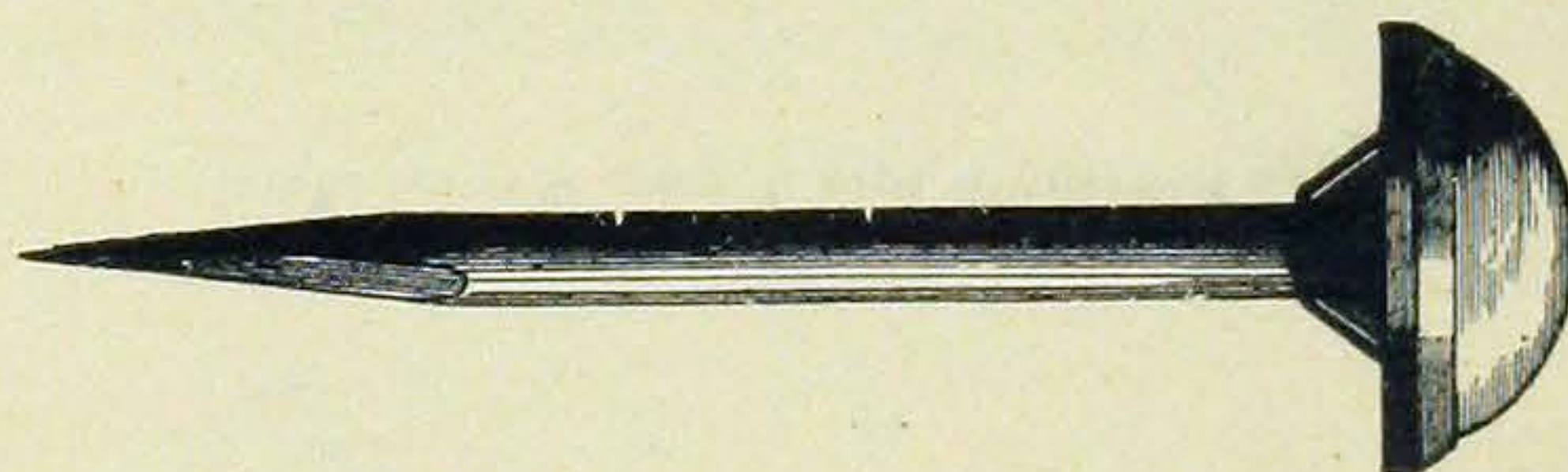
Slide head back.

Plain Porcelain Head Picture Nails.



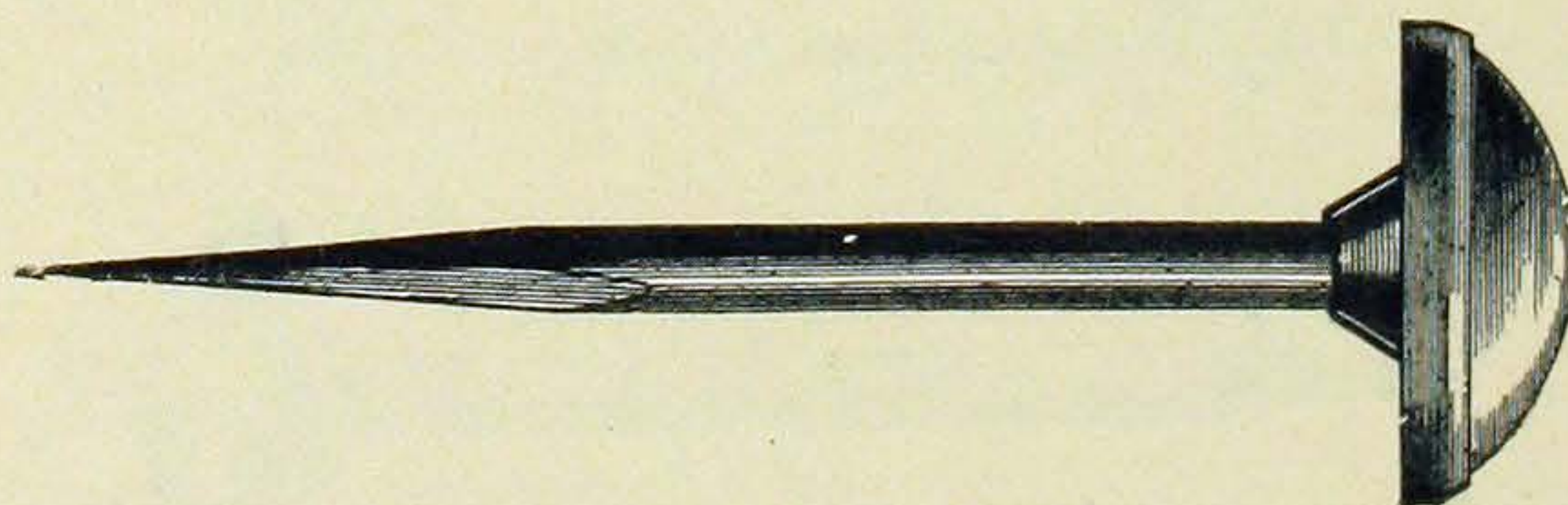
No. 2, with 2 inch spike.

No. 2, made with 2, 2½ or 3 inch spikes at same price.



No. 3, with 2½ inch spike.

No. 3 made with 2, 2½ or 3 inch spikes at same price.



No. 4, with 3 inch spike.

No. 4 made with 2½, 3 or 3½ inch spike.

No. 2, Plain porcelain, or ruby or blue glass centers,	.	.	.	.	.	.	.	.	.	per gross, \$2.40
" 3, " " " " " " " " " "	.	.	.	.	.	.	.	.	.	" 2.80
" 4, " " " " " " " " " "	.	.	.	.	.	.	.	.	.	" 4.00

Packed one-quarter gross in a box.

No. 3 packed twenty-five gross in a case, with 2½ inch spikes.

RICHARDS' PATENT SCREW HEAD PICTURE NAILS.

Patented, November 16, 1875.

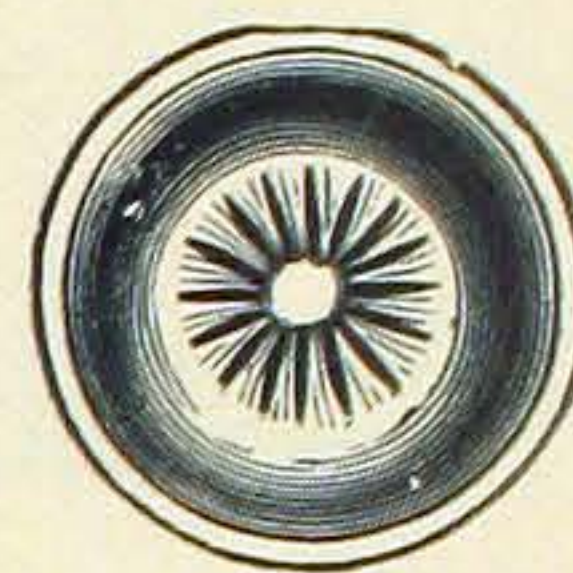
The corrugated back makes the strongest and most durable nail in the market.

Nails on this page made with Screw Heads only.

CUTS FULL SIZE.



2½ inch spike, for screw head nail.



Screw head back.

Plain porcelain head, with 1½ inch spike.



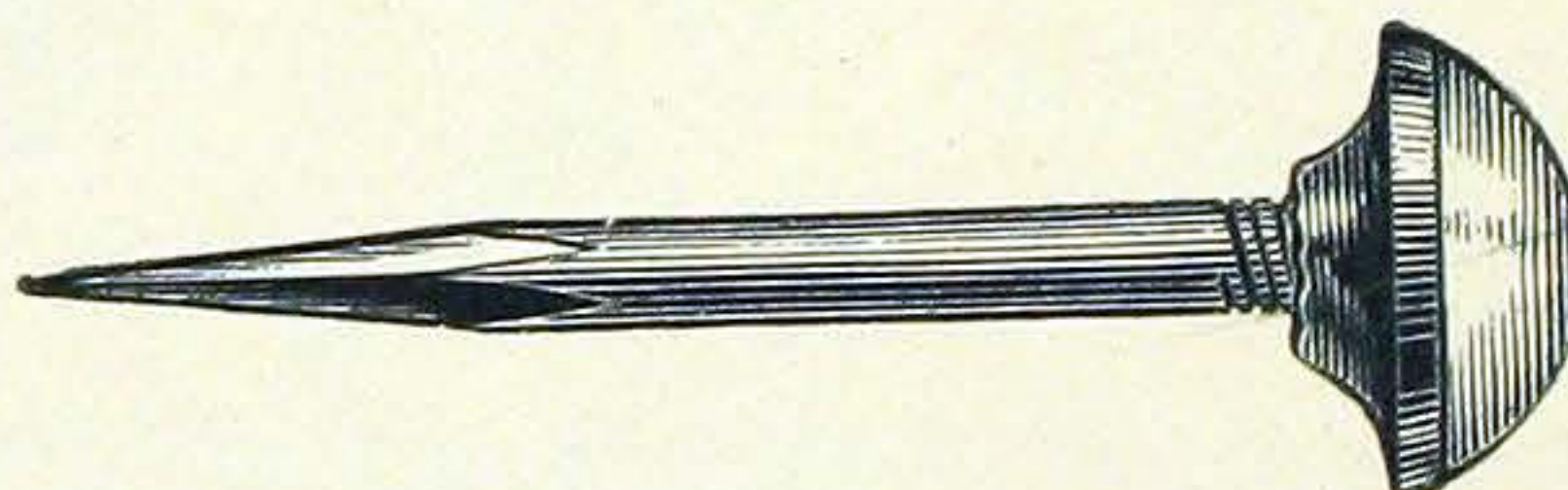
No. 1.

Fancy glass head, with 1½ inch spike.



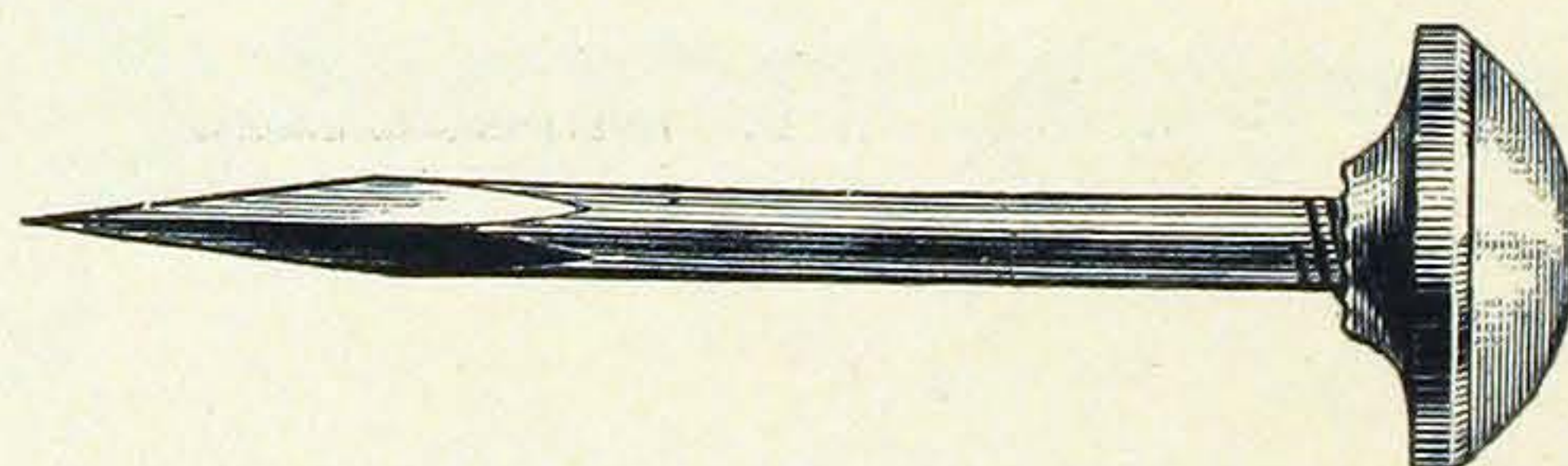
No. 1½.

Plain porcelain head, with 2 inch spike.



No. 7.

Plain porcelain head, with 2½ inch spike.



No. 9.

Made with 2, 2½, or 3 inch spikes at same price.

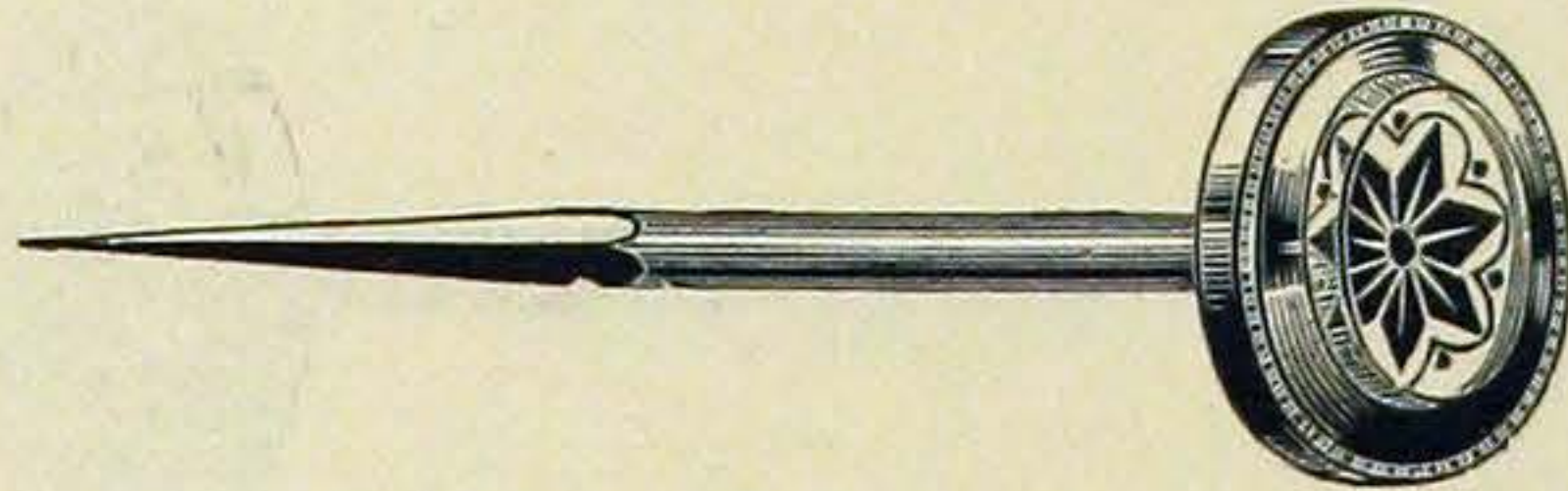
No. 1, Plain head, 1½ inch spike,	per gross, \$2.40
" 1½, Fancy glass head, white or ruby centre,	" 2.40
" 7, Plain porcelain head,	" 2.40
" 9, " " "	" 2.80

No. 9 packed twenty-five gross in a case, with 2½ inch spike.

All packed one-quarter gross in a box.

FANCY GLASS CENTERS.

CUTS FULL SIZE.



A detailed illustration of a sword, likely a ceremonial or historical weapon. The sword has a long, straight blade with a sharp point. The hilt is simple, and the pommel is a large, circular disc. The pommel features a prominent star emblem in the center, surrounded by concentric circles and radial lines, suggesting a decorative or official design. The entire illustration is rendered in a classic, engraved style.

Made with 2, 2½ or 3 inch spikes at same price.

[illegible]

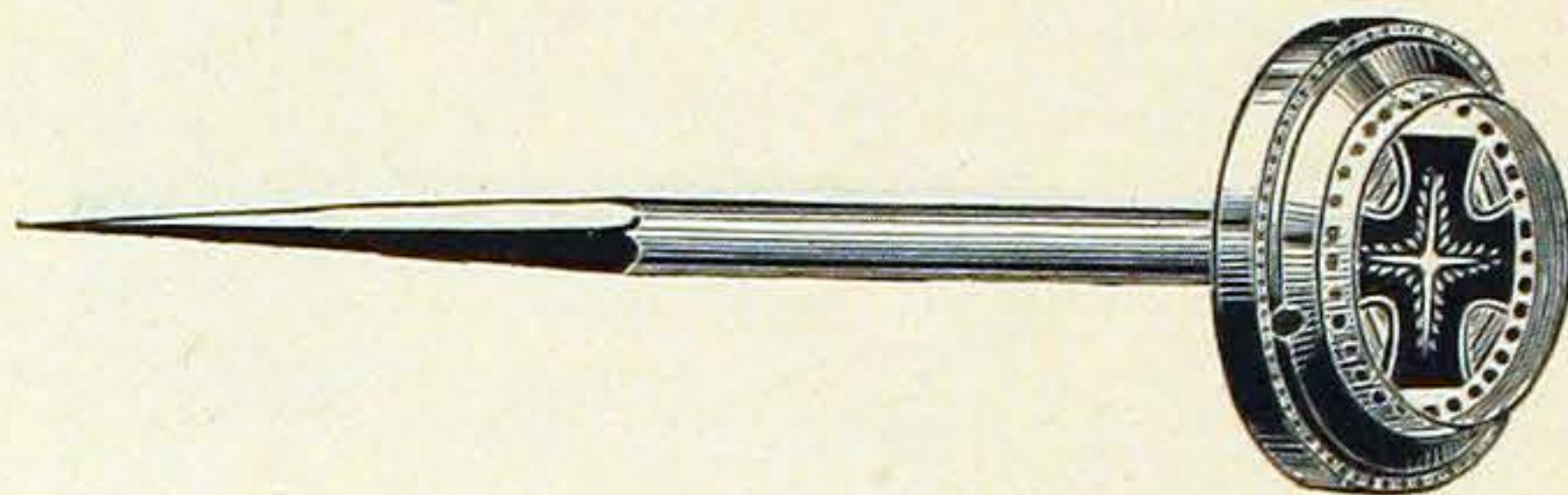
Packed one-quarter gross in a box.

RICHARDS' PATENT PICTURE NAILS.

FANCY GLASS CENTERS.

Nails on this page made with Slide or Screw Heads.

CUTS FULL SIZE.



No. 32, with 2½ inch spike.



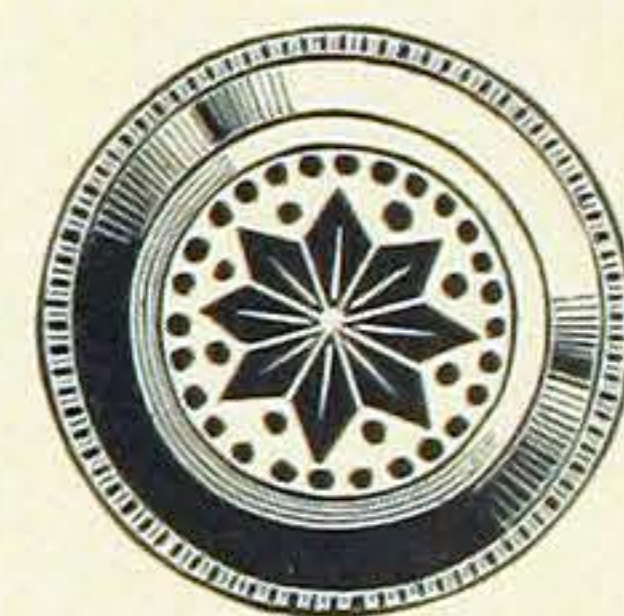
No. 31.



No. 33.



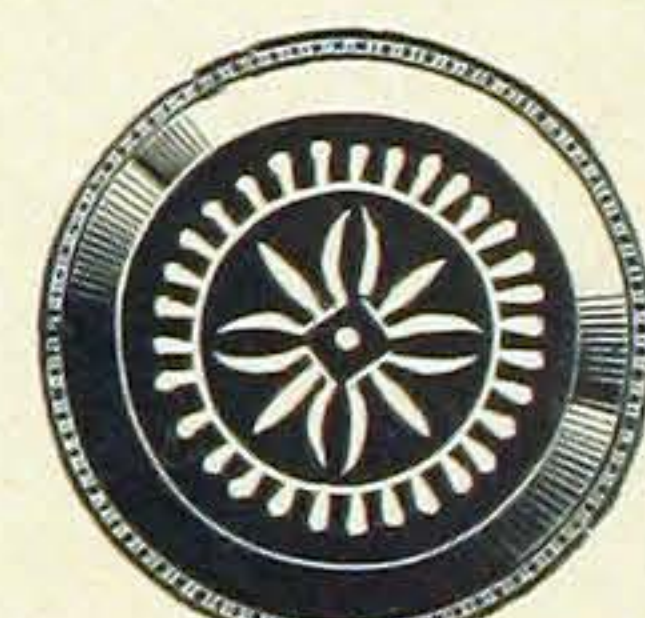
No. 35.



No. 36.



No. 39.



No. 503.

Made with 2, 2½ or 3 inch spikes, at same price.

No. 31,	White,	ruby,	blue	or	green	centers,	fancy	silver	burnished	rim,		per gross, \$5.00
" 32,	"	"	"	"	"	"	"	"	"	"	"	5.00
" 33,	"	"	"	"	"	"	"	"	"	"	"	5.00
" 35,	"	"	"	"	"	"	gilt	"	"	"	"	5.00
" 36,	"	"	"	"	"	"	silver	"	"	"	"	5.00
" 39,	"	"	"	"	"	"	"	"	"	"	"	5.00
" 503,	Jet	and	gold	centers,								6.00

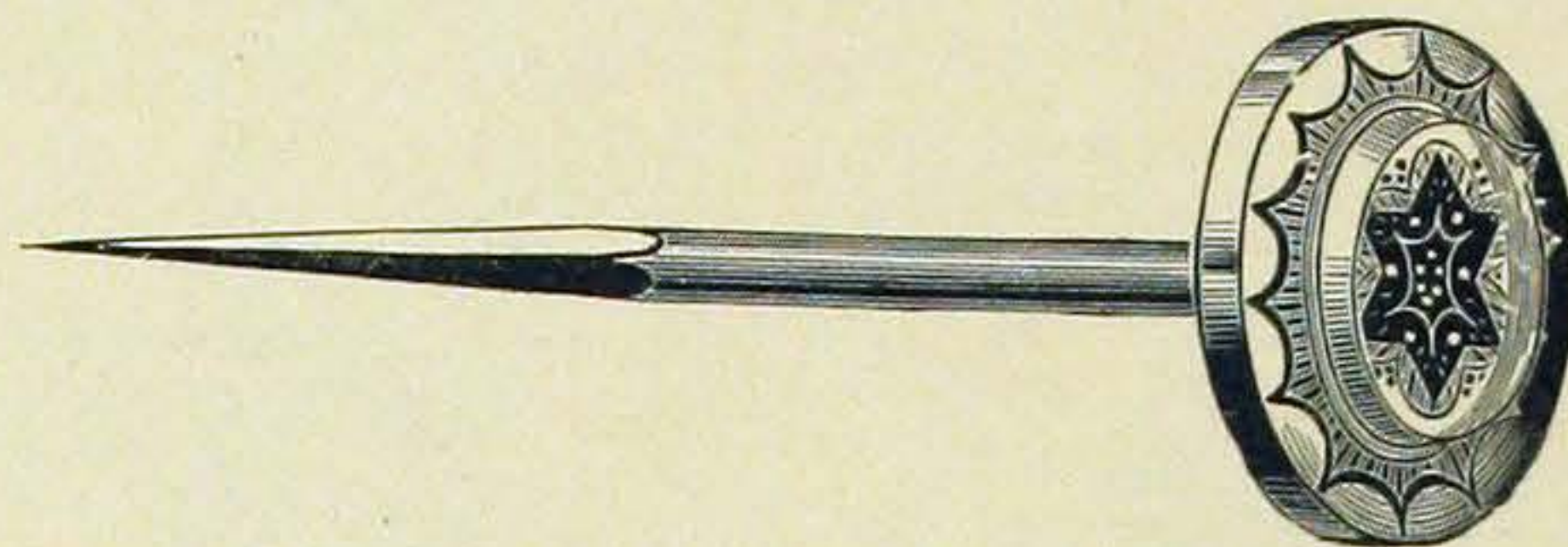
Turquoise and amber centers furnished at same price.

Be particular to state what colored centers you want, and if slide or screw heads.

Packed one-quarter gross in a box.

Fancy Glass Centers.

CUTS FULL SIZE.



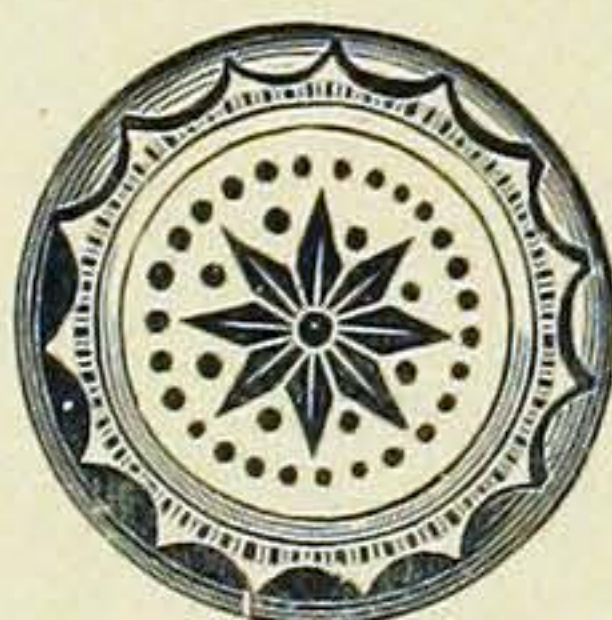
No. 49, with $2\frac{1}{2}$ inch spike.



No. 40.



No. 41.



No. 46.



No. 42.



No. 43.

Made with 2, 2½, or 3 inch spikes, at same price.

No. 40,	Plain porcelain, ruby or blue glass centers, fancy silver plated burnished rim,	.	.	.	.	.	.	per gross, \$4.50
" 41,	White, ruby, blue or green centers, fancy silver plated burnished rim,	.	.	.	.	.	.	" 5.00
" 42,	" " " " " " " "	.	.	.	.	.	.	" 5.00
" 43,	" " " " " " " "	.	.	.	.	.	.	" 5.00
" 46,	" " " " " " " "	.	.	.	.	.	.	" 5.00
" 49,	" " " " " " " "	.	.	.	.	.	.	" 5.00

Turquoise and amber centers furnished at same price.

Packed one-quarter gross in a box.

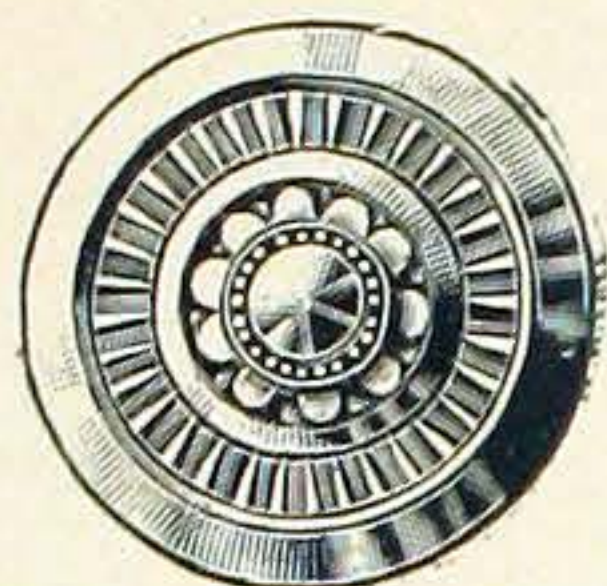
RICHARDS' PATENT PICTURE NAILS.

FANCY METAL CENTERS.

Nails on this page made with Slide or Screw Heads.

Be particular to state what colored centers you want, and if slide or screw head nails.

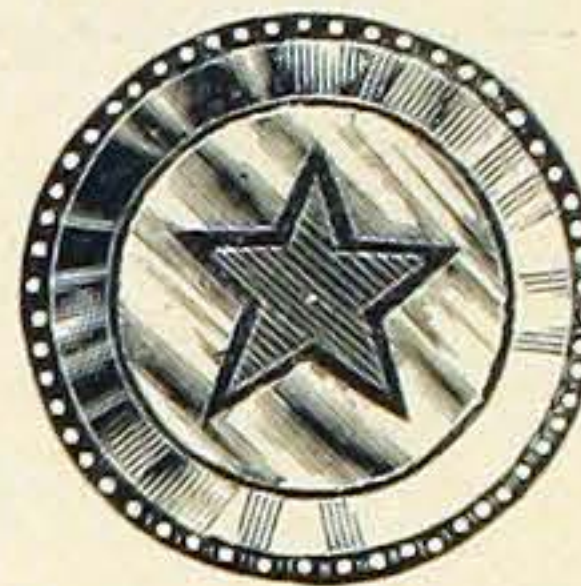
CUTS FULL SIZE—PRICES PER GROSS.



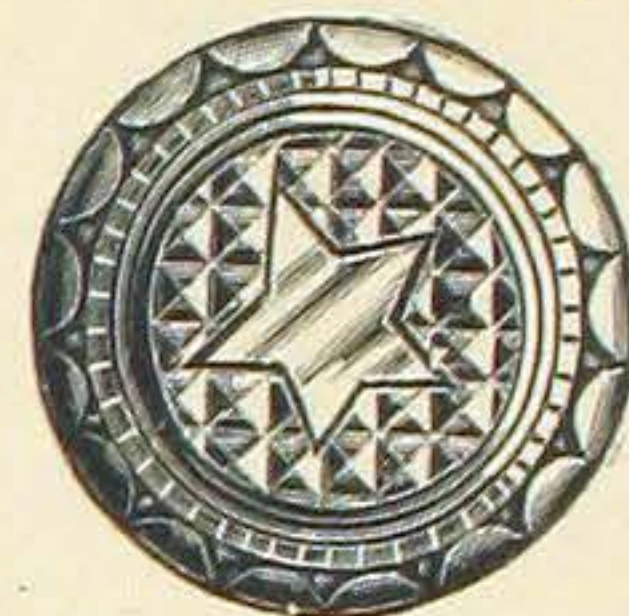
No. 303 & 305.



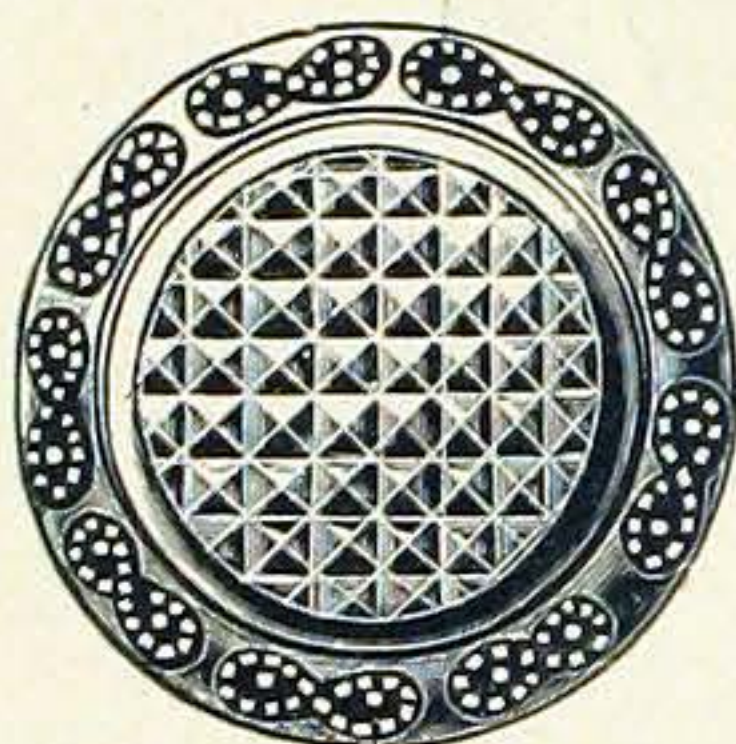
No. 409.



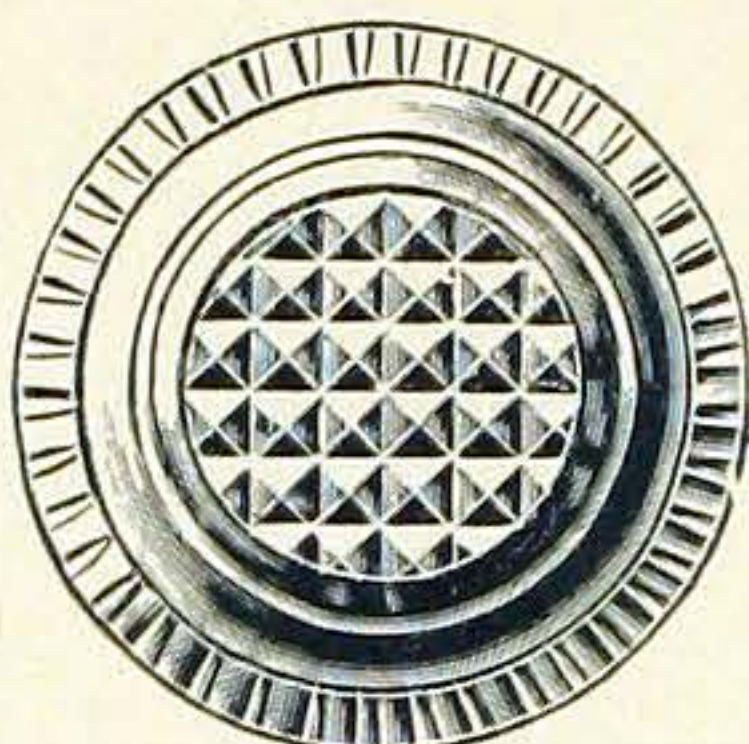
No. 439.



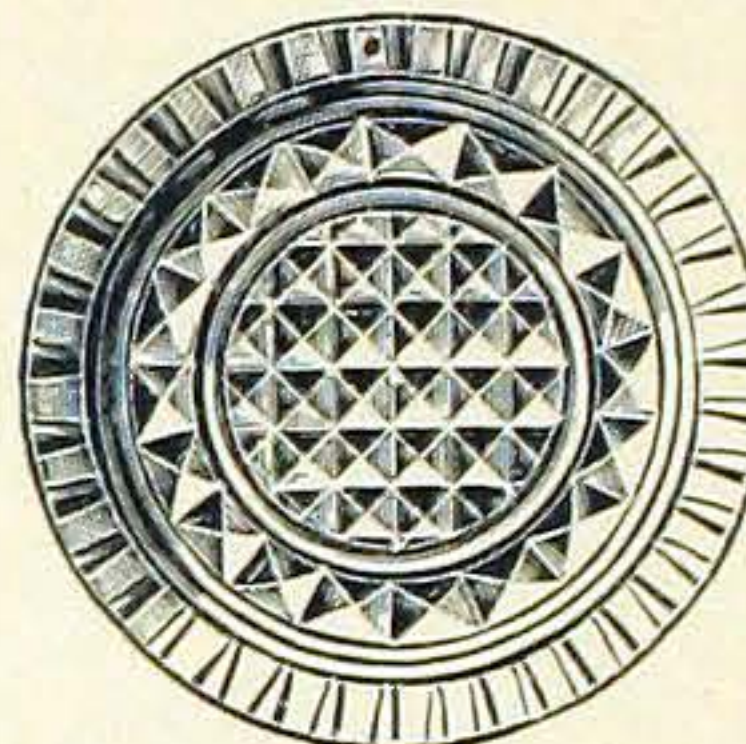
No. 449.



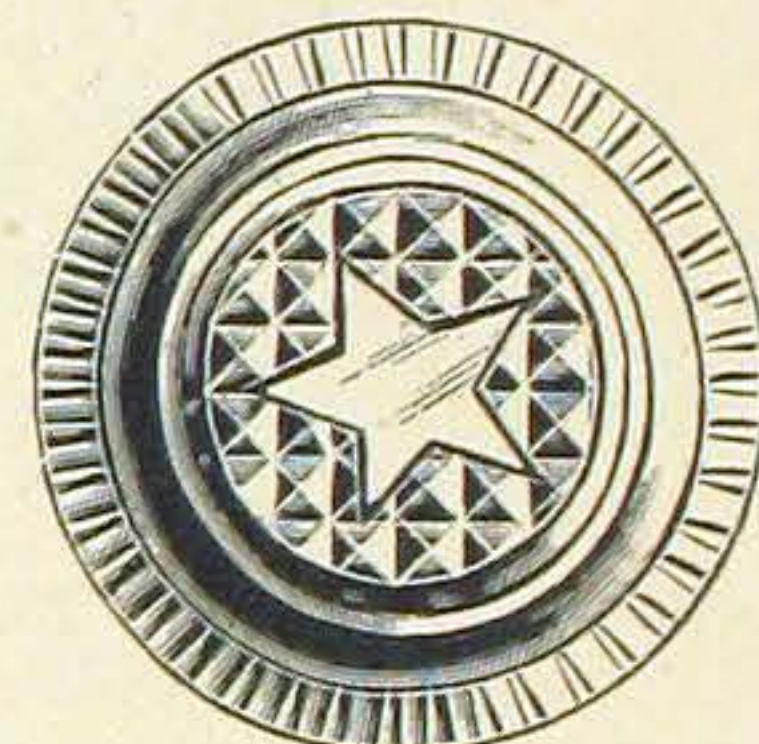
No. 461.



No. 481.



No. 482.



No. 489.



No. 801.



No. 802.



No. 803.



No. 804.*

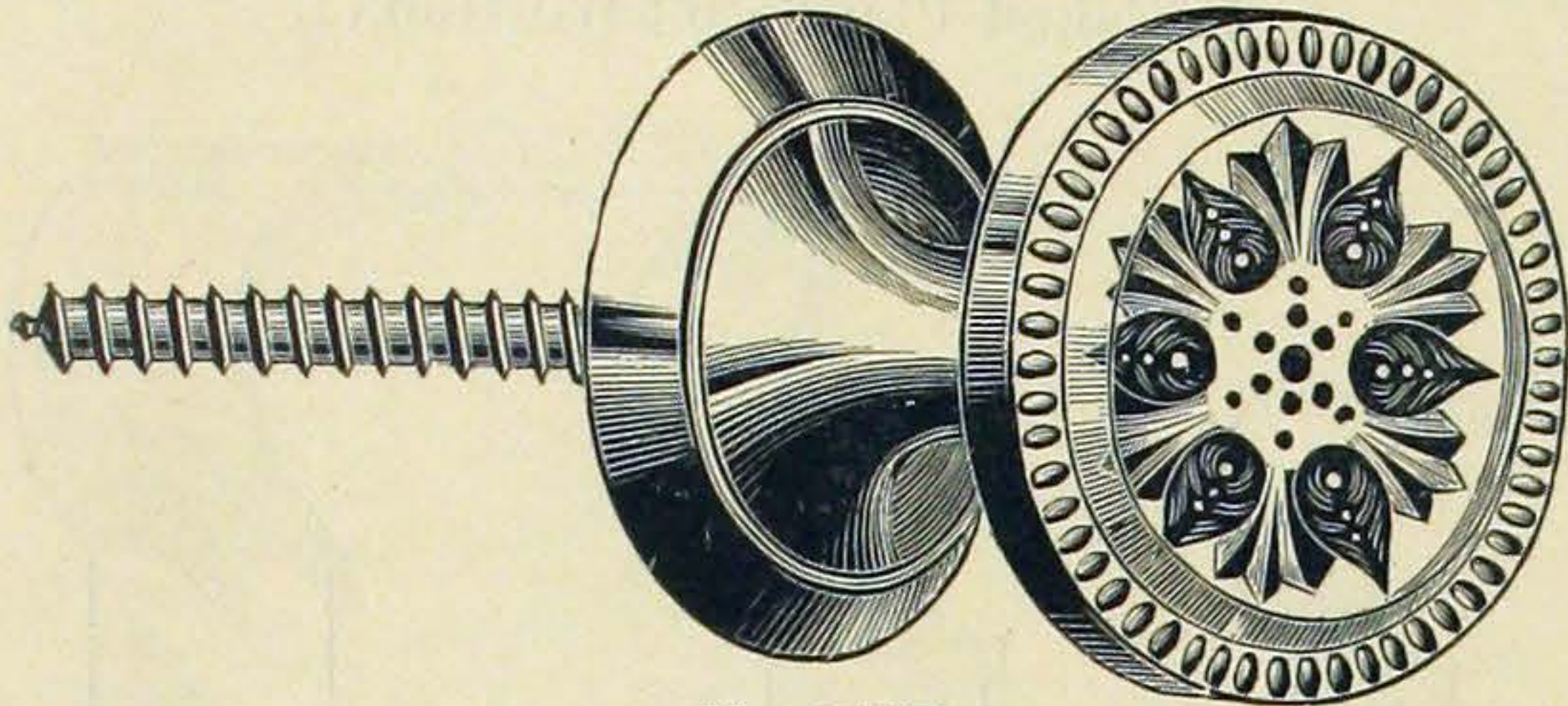
No. 303, Fancy brass head, burnished,	per gross, \$2.40
" 305, " Nickel "	" 2.80
" 409, White, ruby, blue, green, turquoise or amber centers, plain gilt rim,	" 2.80
" 439, " " " " " " " silver plated rim,	" 5.00
" 449, " " " " " " " "	" 5.00
" 461, " " " " " " " "	" 6.00
" 481, " " " " " " " "	" 6.00
" 482, " " " " " " " "	" 6.00
" 489, " " " " " " " "	" 6.00
" 801, " " " " " " " "	" 8.00
" 802, " " " " " " " "	" 8.00
" 803, " " " " " " " "	" 8.00
" 804, " " " " " " " "	" 6.00

Packed one-quarter gross in a box.

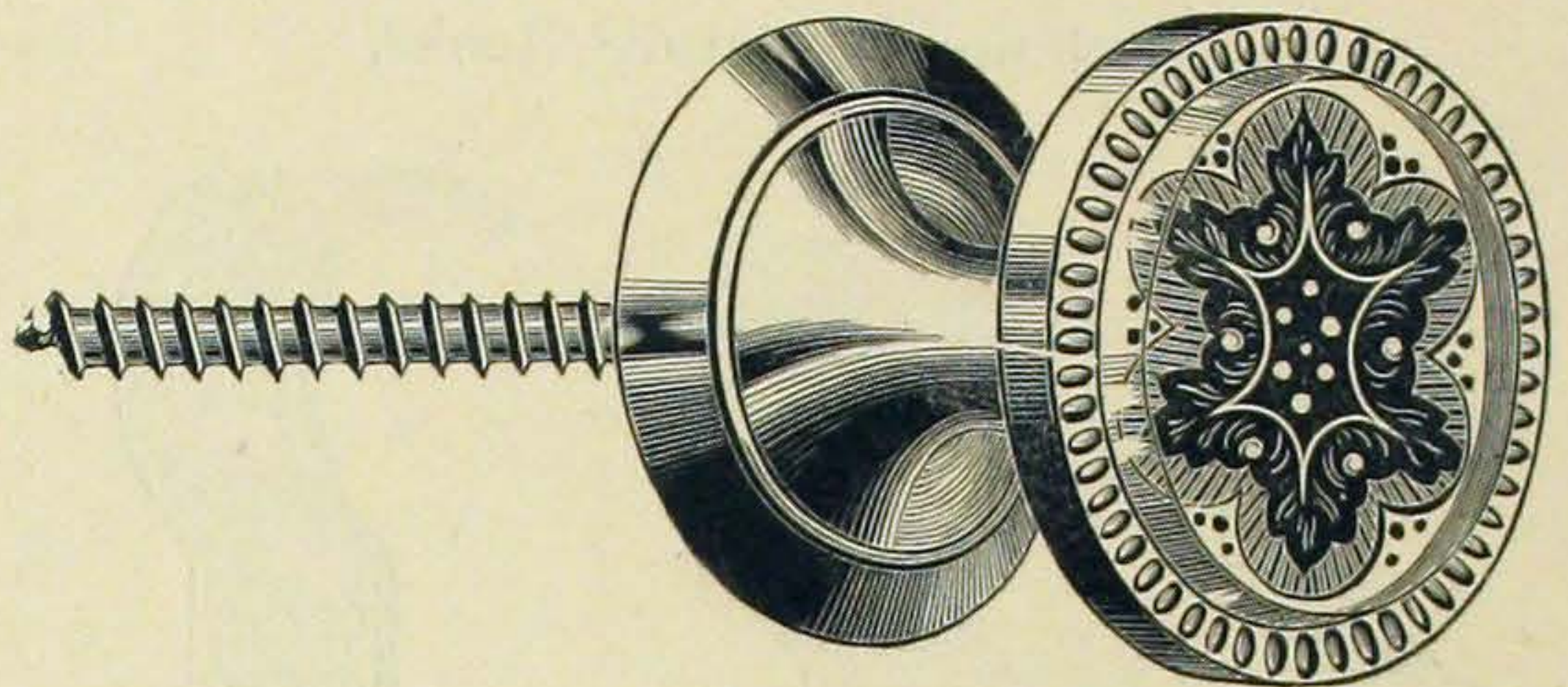
RICHARDS' PATENT SCREW SUPPORTS, DRAWER KNOBS OR PICTURE KNOBS.

Patented November 9, 1875.

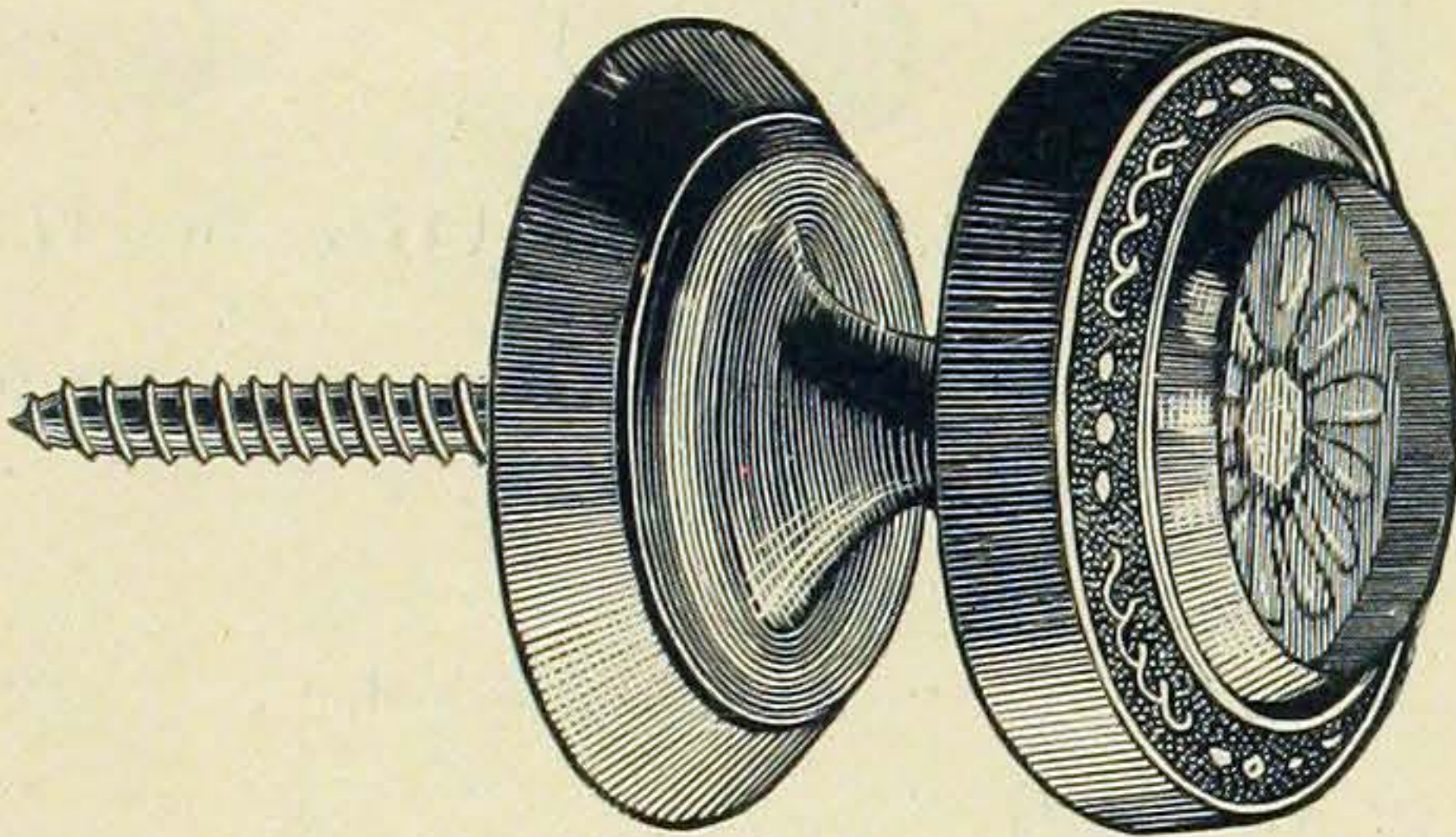
FANCY GLASS CENTERS. SILVER PLATED AND BURNISHED RIMS AND BASES.



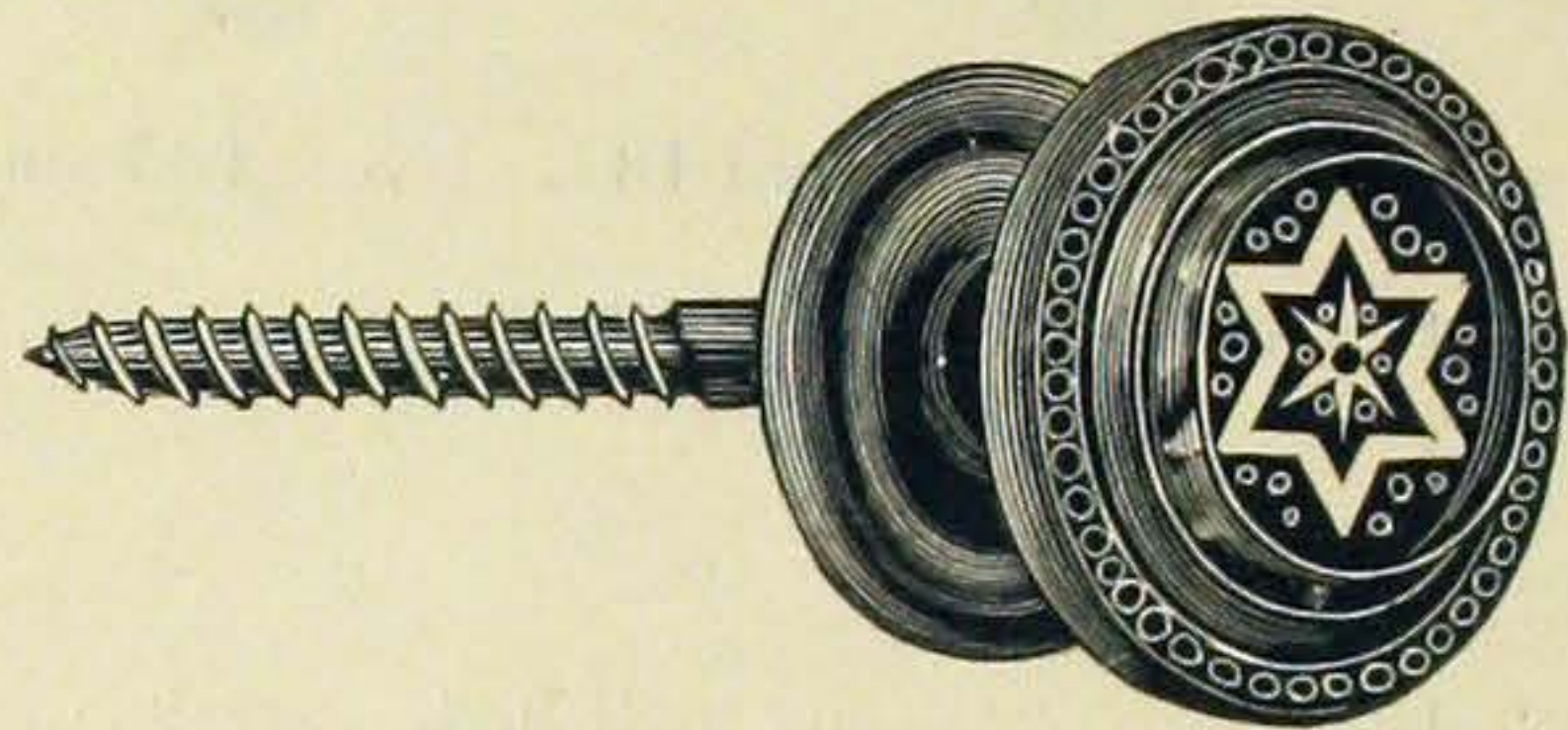
No. 357.



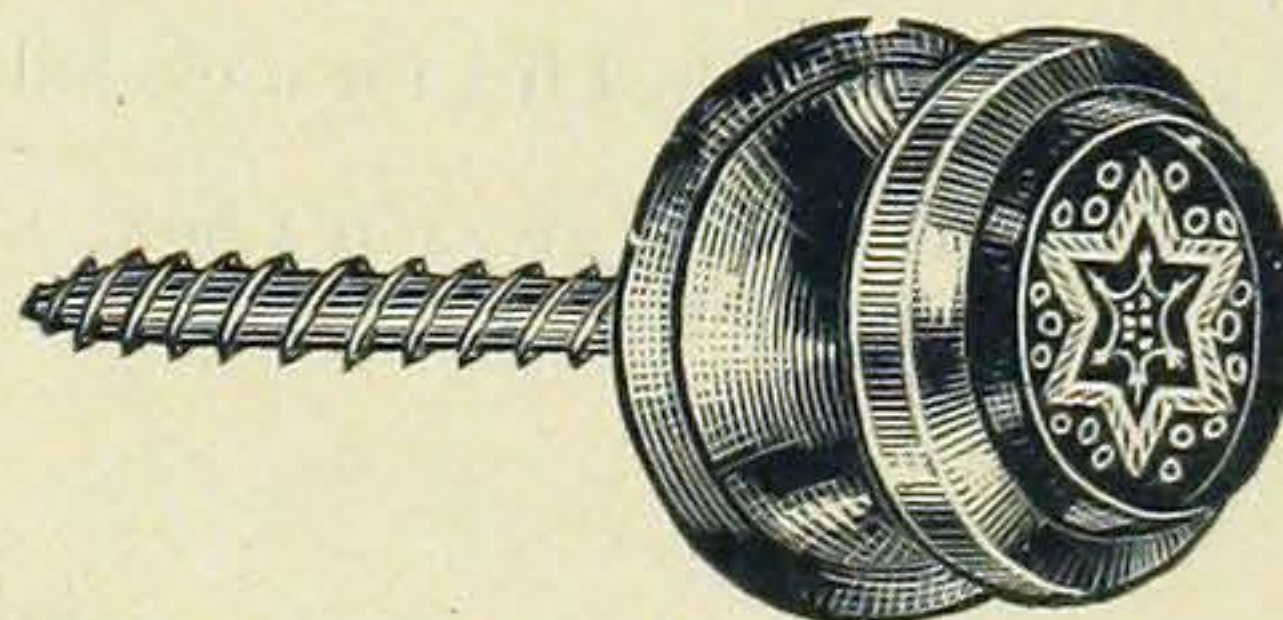
No. 359.



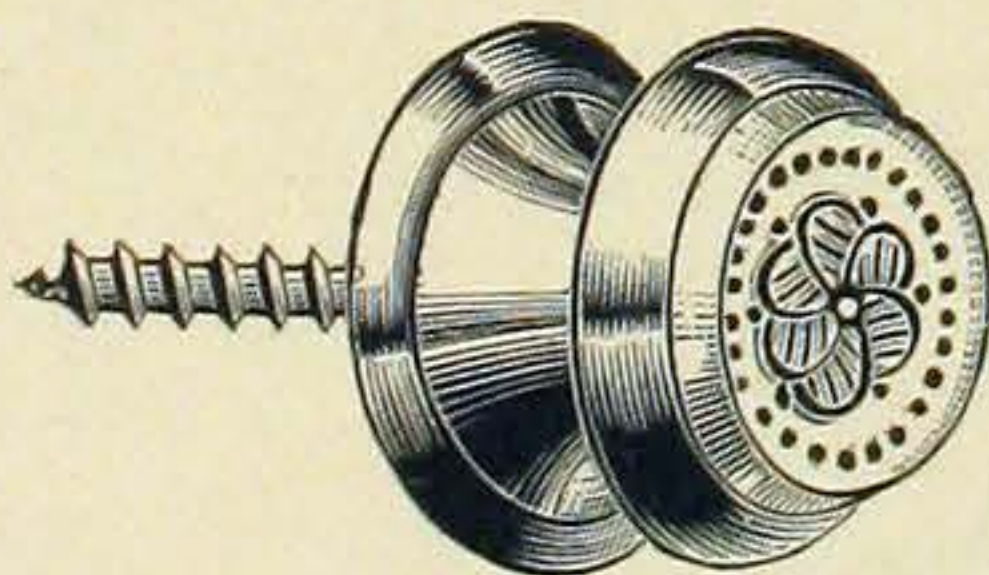
No. 353.



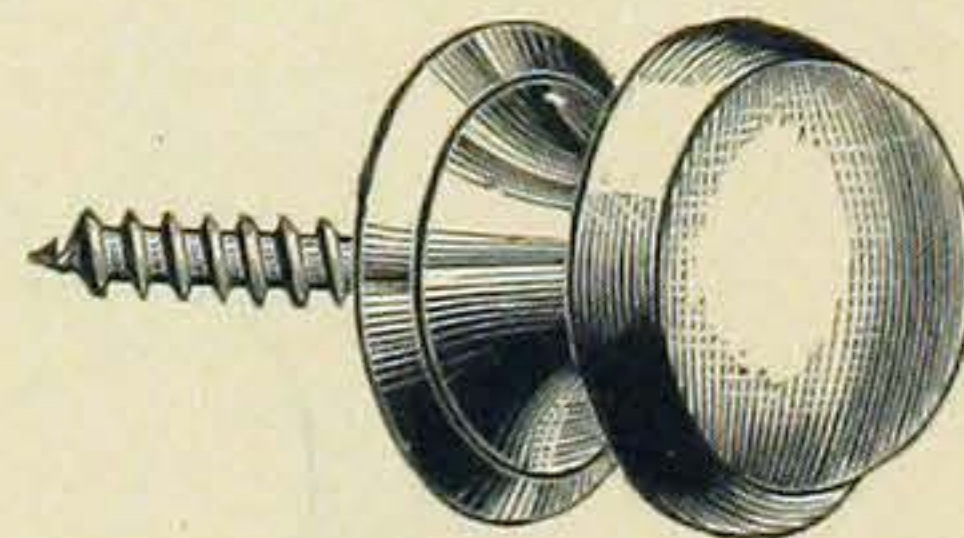
No. 289.



No. 259.



No. 251.



No. 250.

Made with fast screws projecting $1\frac{1}{2}$ to 2 inches.

No. 250, Plain porcelain center,	per gross, \$7.00
" 251, White, ruby, blue or green center,	" 7.00
" 259, " " " star center,	" 7.00
" 291, " " " medallion center, same rim as No. 289,	" 8.00
" 289, " " " center,	" 8.00
" 353, " " " " "	" 16.00
" 357, " " " " "	" 16.00
" 359, " " " " "	" 16.00

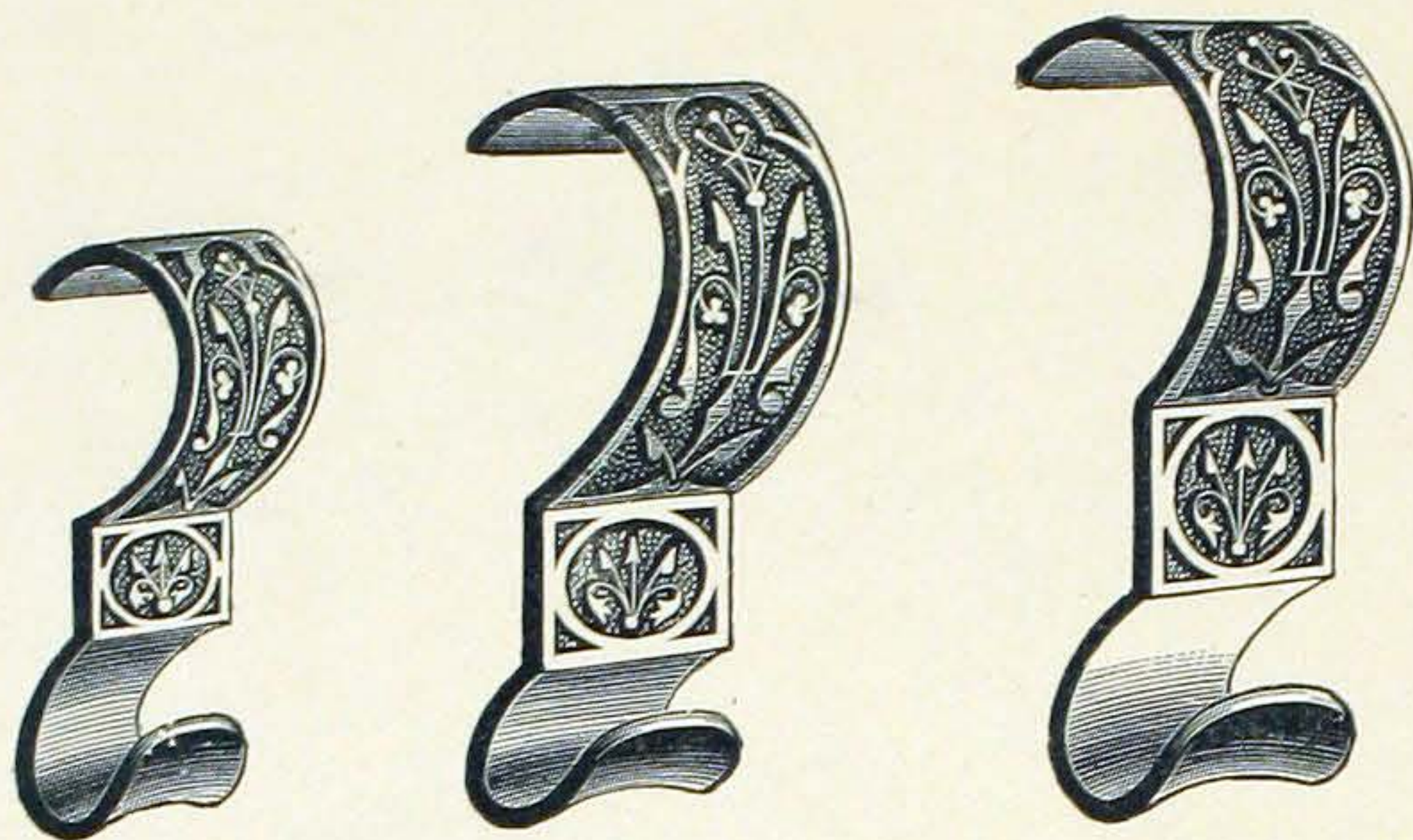
Turquoise or amber centers furnished at same price.

Packed one-quarter gross in a box.

NEW STYLE SHEET BRASS STAMPED AND PLAIN PICTURE HOOKS POLISHED AND LACQUERED.

CUTS FULL SIZE.

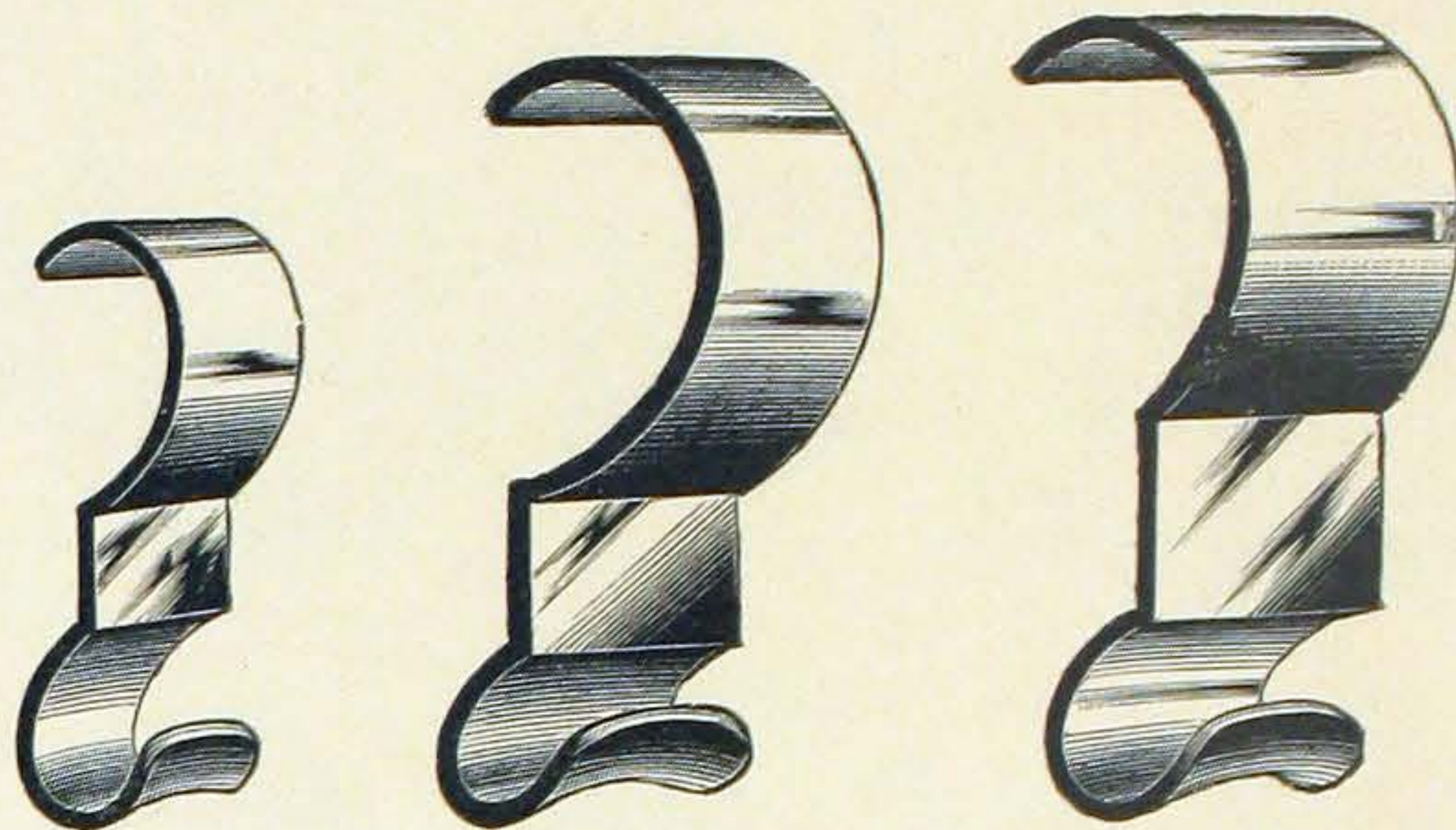
Fancy Stamped Picture Hooks.



Nos. 163 and 166. Nos. 164 and 167. Nos. 165 and 168.

No. 163, For 1 inch moulding, polished, .	per gross, \$2.70
" 164, " 1 $\frac{1}{4}$ " " " " " "	2.90
" 165, " 1 $\frac{1}{2}$ " " " " " "	3.20
" 166, " 1 " " not polished, " " "	2.30
" 167, " 1 $\frac{1}{4}$ " " " " " "	2.50
" 168, " 1 $\frac{1}{2}$ " " " " " "	2.80

Polished Plain Picture Hooks.



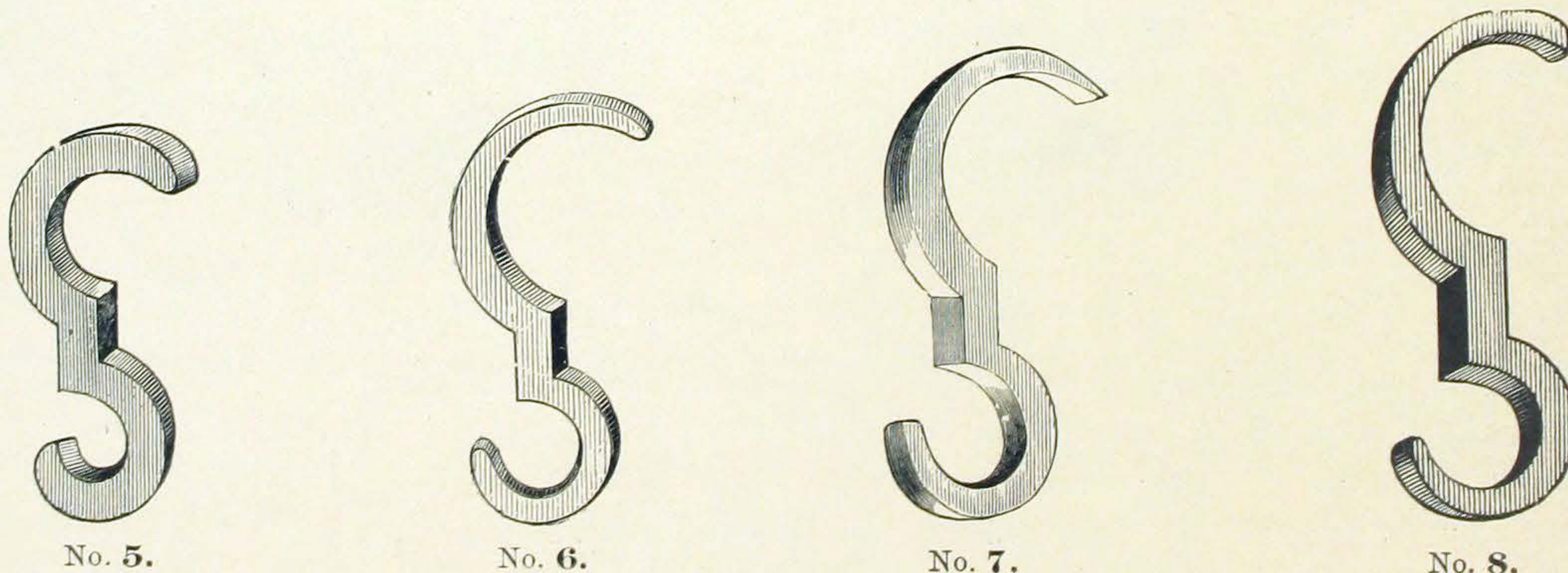
Nos. 170 and 174. Nos. 171 and 175. Nos. 172 and 176.

No. 170, For 1 inch moulding, .	per gross, \$2.10
" 171, " 1 $\frac{1}{4}$ " " " " " "	2.30
" 172, " 1 $\frac{1}{2}$ " " " " " "	2.60
" 174, " 1 " " polished, .	2.60
" 175, " 1 $\frac{1}{4}$ " " " " " "	2.80
" 176, " 1 $\frac{1}{2}$ " " " " " "	3.10

Add fifty cents to polished list for nicked hooks.

Packed one-half gross in a box.

Cast Brass Plain Picture Hooks.



No. 5.

No. 6.

No. 7.

No. 8.

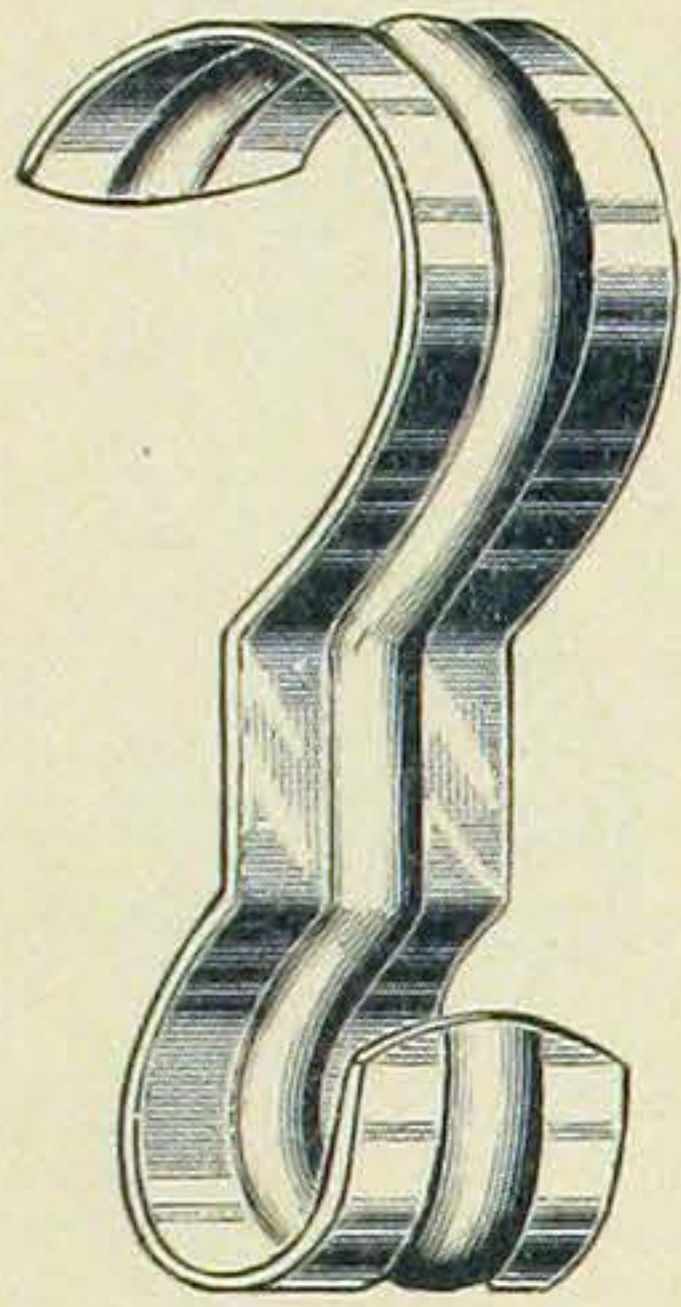
	PLAIN.	BURNISHED.
No. 5, For 1 inch moulding,	per gross, \$2.80	\$4.80
" 6, " 1 $\frac{1}{4}$ " " " " " " " "	3.00	5.00
" 7, " 1 $\frac{1}{2}$ " " " " " " " "	3.20	5.20
" 8, " 1 $\frac{3}{4}$ " " " " " " " "	3.40	5.40

Packed one-quarter gross in a box.

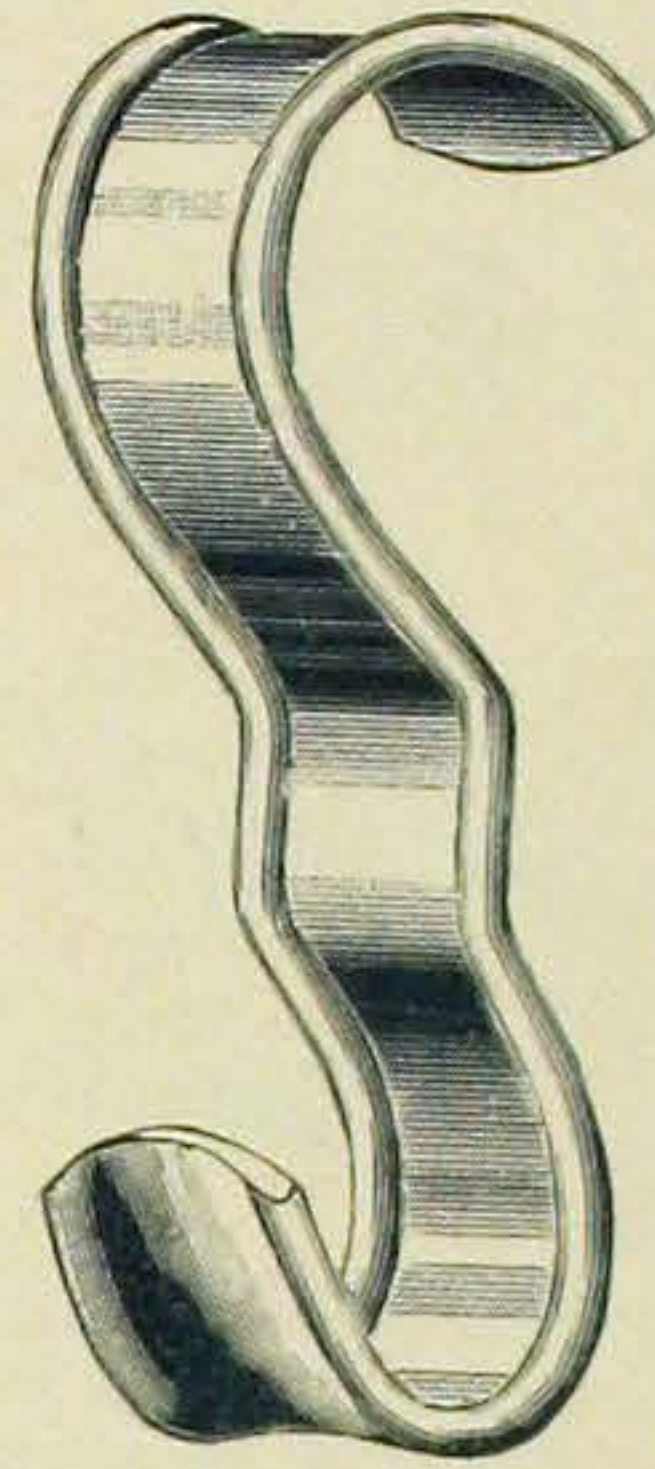
PATENT RIBBED PICTURE HOOKS.

LACQUERED BRASS.

CUTS FULL SIZE.



No. 230.



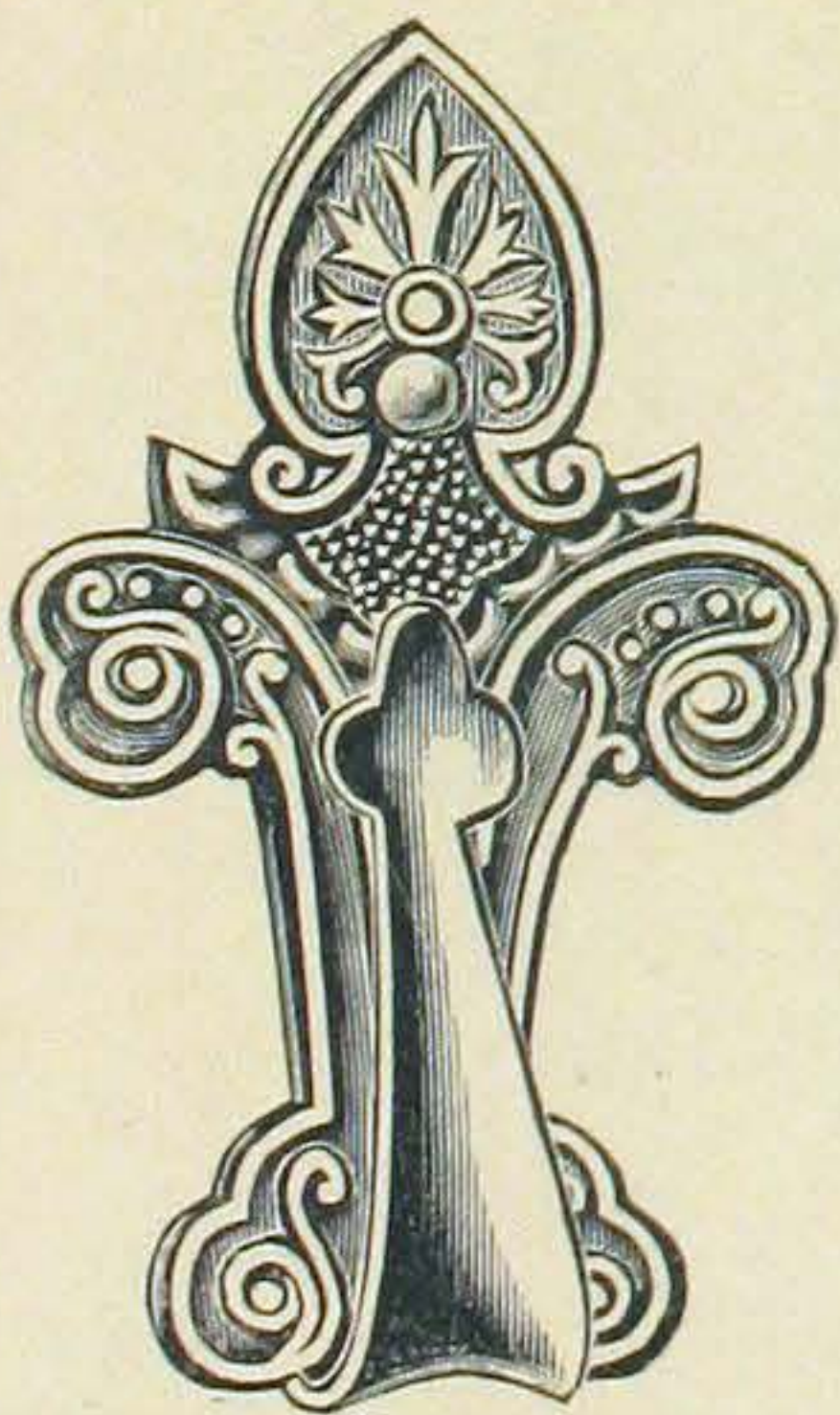
No. 273.

No. 230, For 1½ inch moulding,	per gross, \$2.00
" 271, " 1 " "	" 2.20
" 272, " 1¼ " "	" 2.40
" 273, " 1½ " "	" 2.60

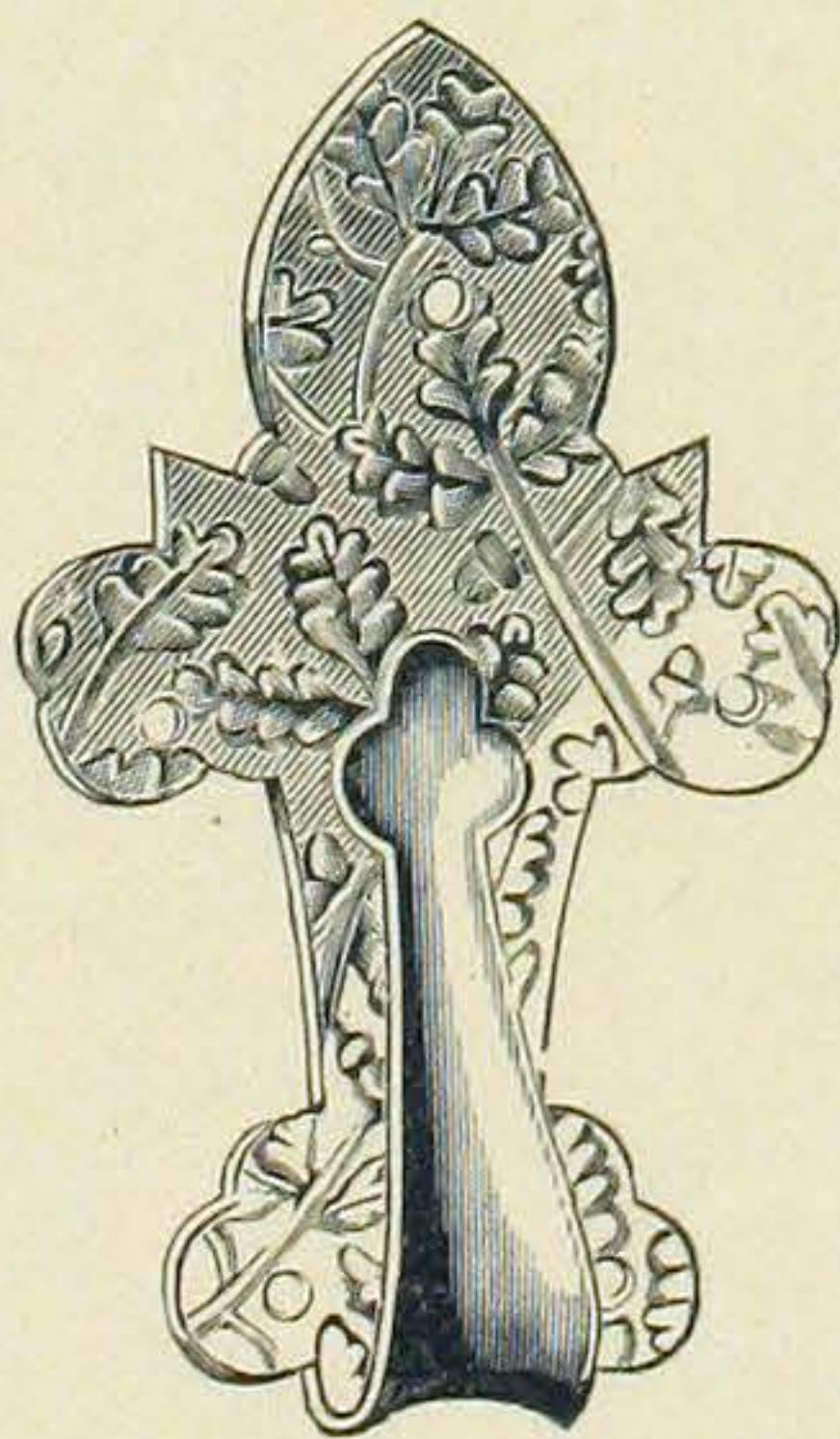
Packed one gross in a box.

LACQUERED BRASS PICTURE HOOKS.

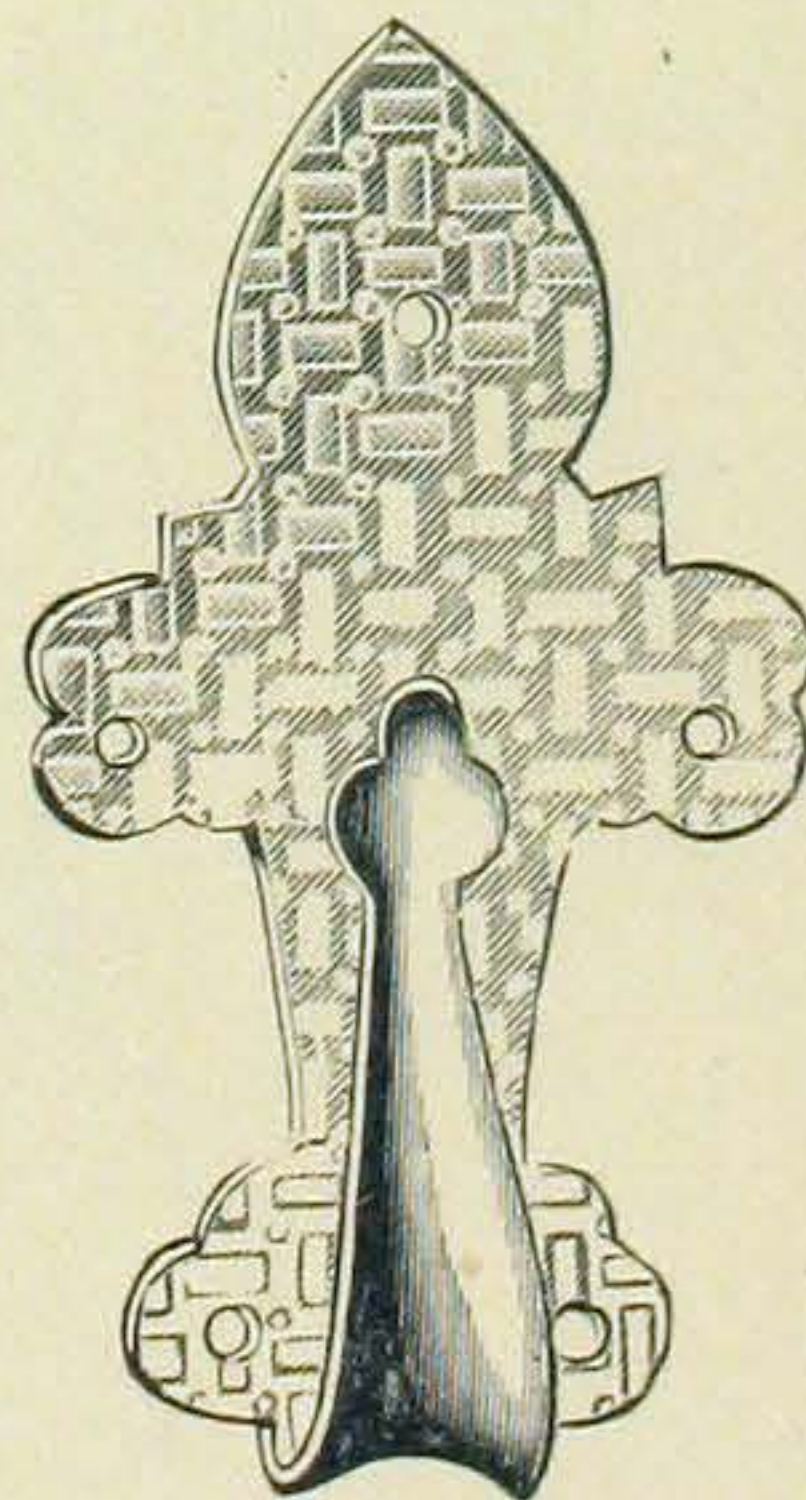
CUTS FULL SIZE.



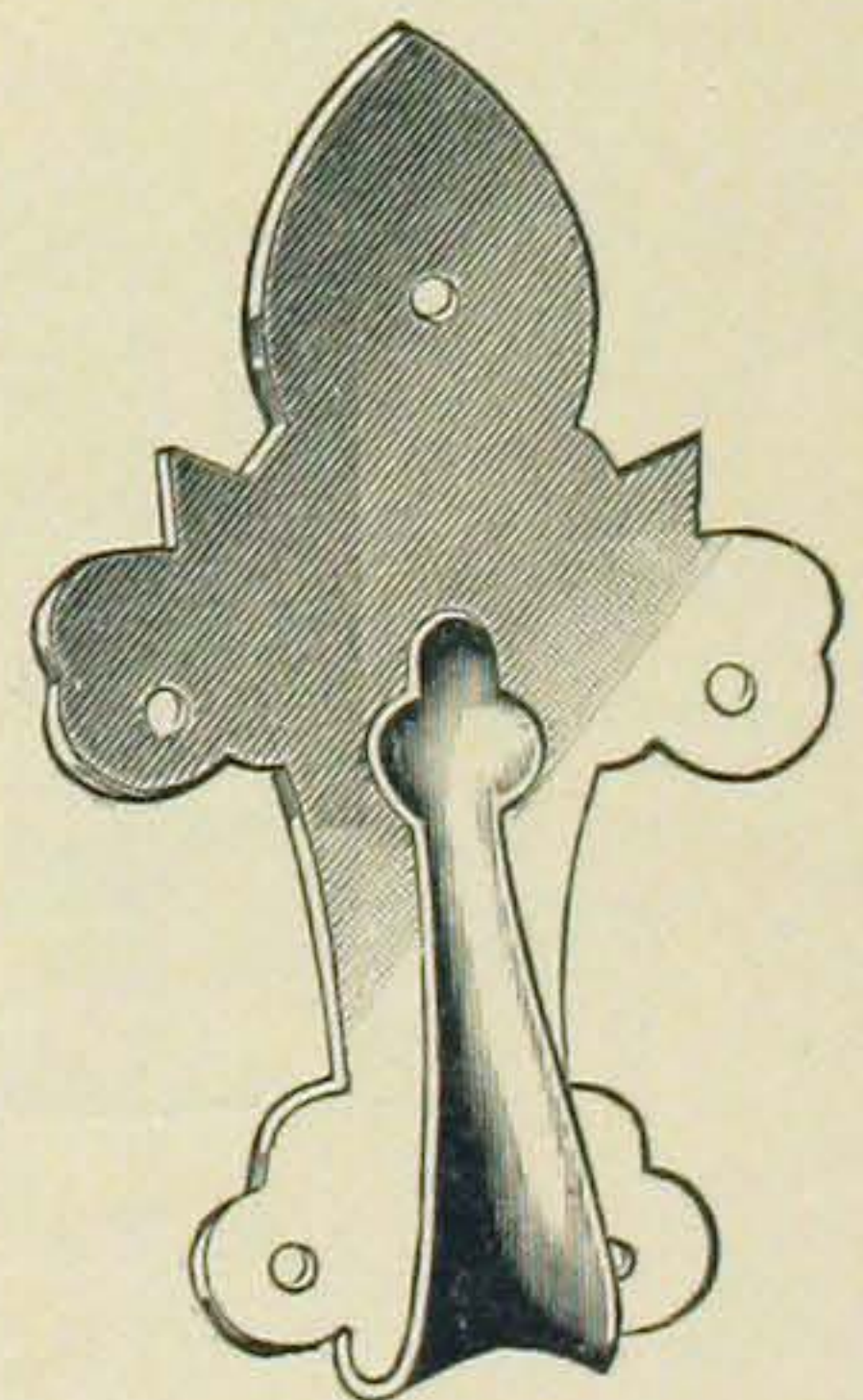
No. 1.



No. 2.



No. 3.



No. 4.

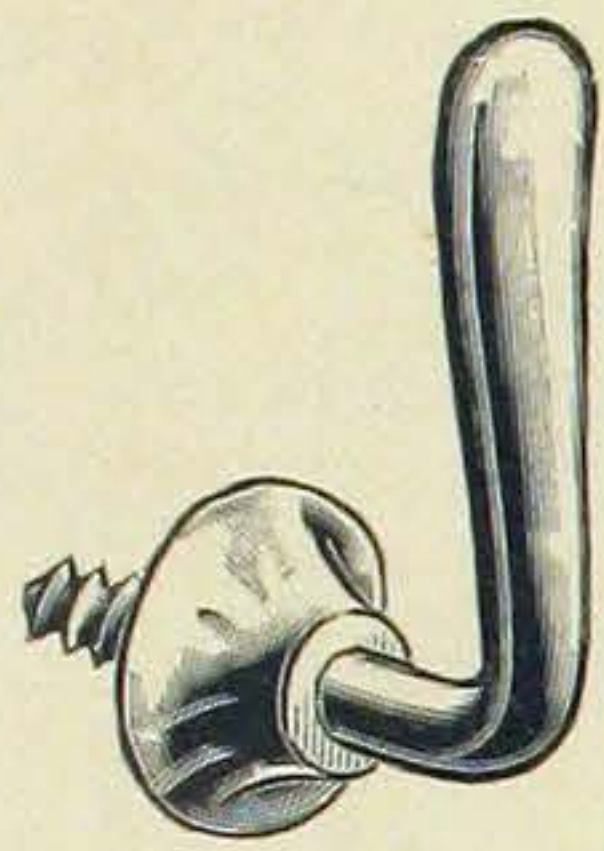
No. 1, Brass, per gr. \$4.00	No. 2, Brass, per gr. \$4.00	No. 3, Brass, per gr. \$4.00	No. 4, Brass, per gr. \$4.00
No. 100, Silver, " 4.50	No. 102, Silver, " 4.50	No. 103, Silver, " 4.50	No. 104, Silver, " 4.50
No. 120, Nickel, " 5.00	No. 122, Nickel, " 5.00	No. 123, Nickel, " 5.00	No. 124, Nickel, " 5.00

Packed ¼ gross in a box.

BRASS TASSEL HOOKS.

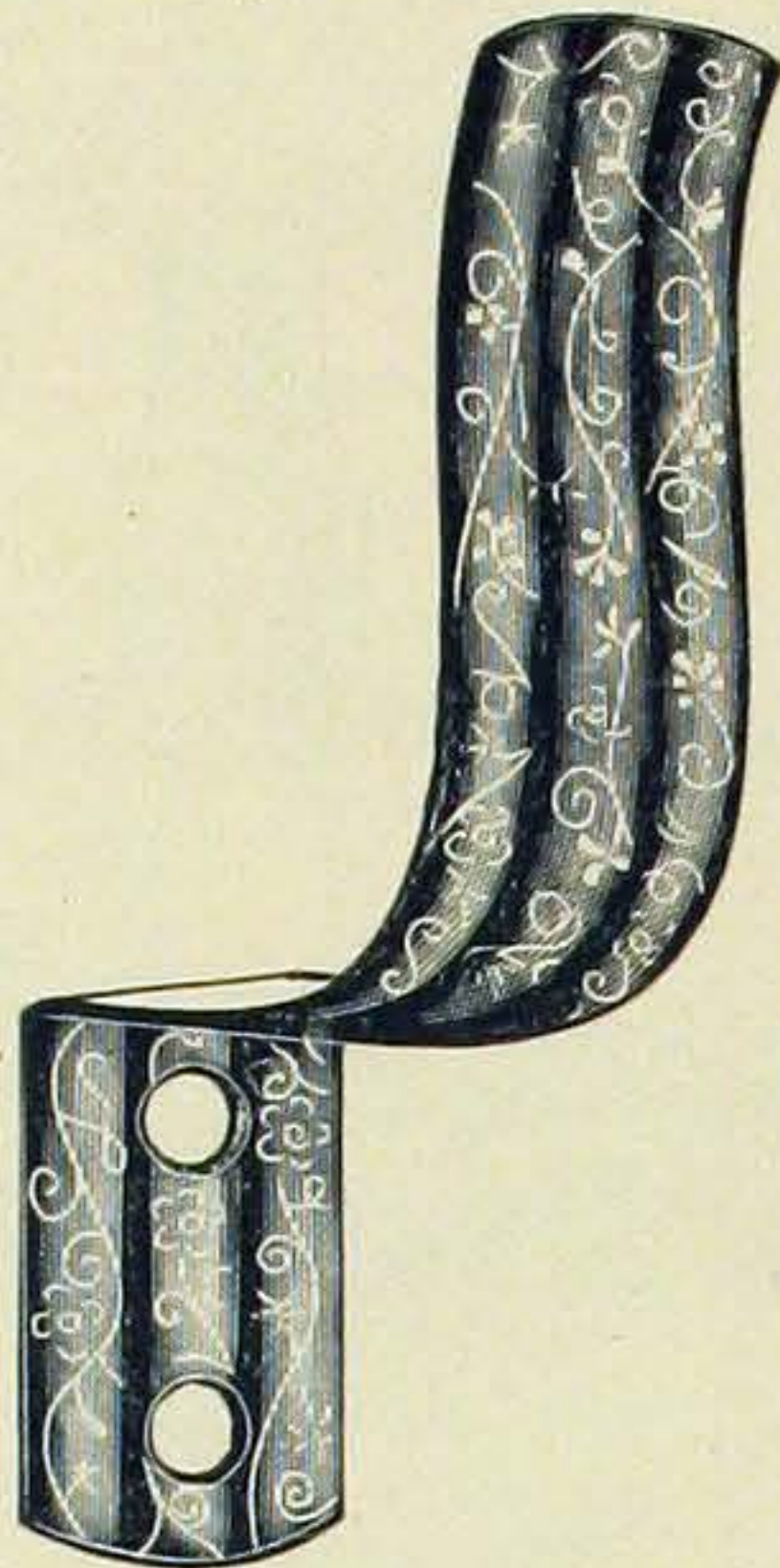
CUTS FULL SIZE.

Packed one-quarter gross in a box.



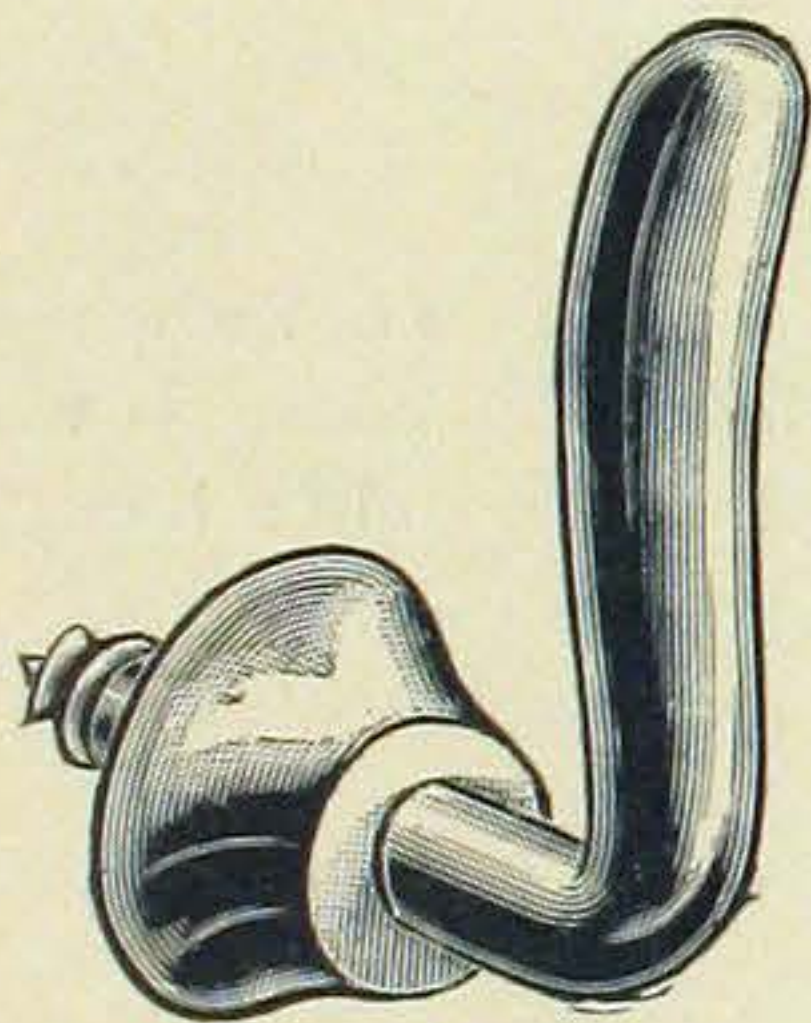
No. 10.

Per gross, . . . \$2.50



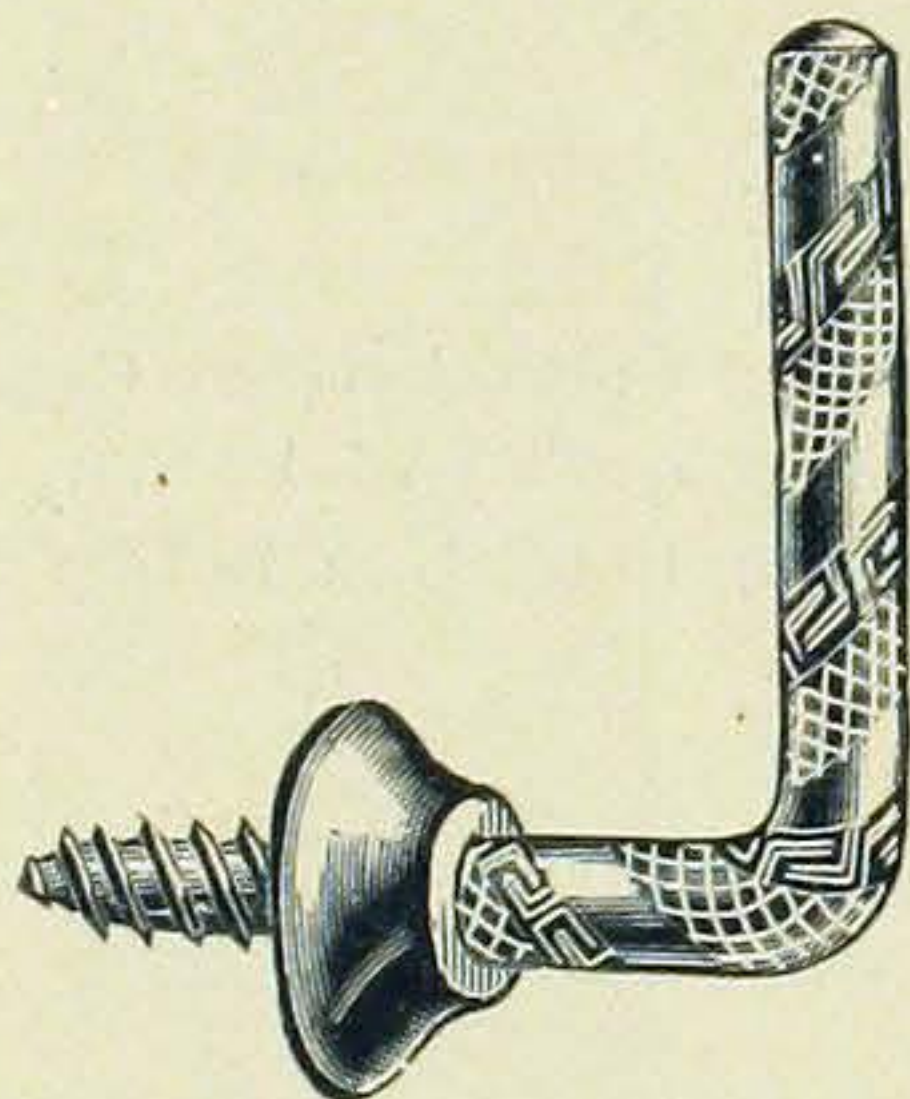
No. 52.

Per gross, . . . \$2.40



No. 4.

Per gross, . . . \$5.00



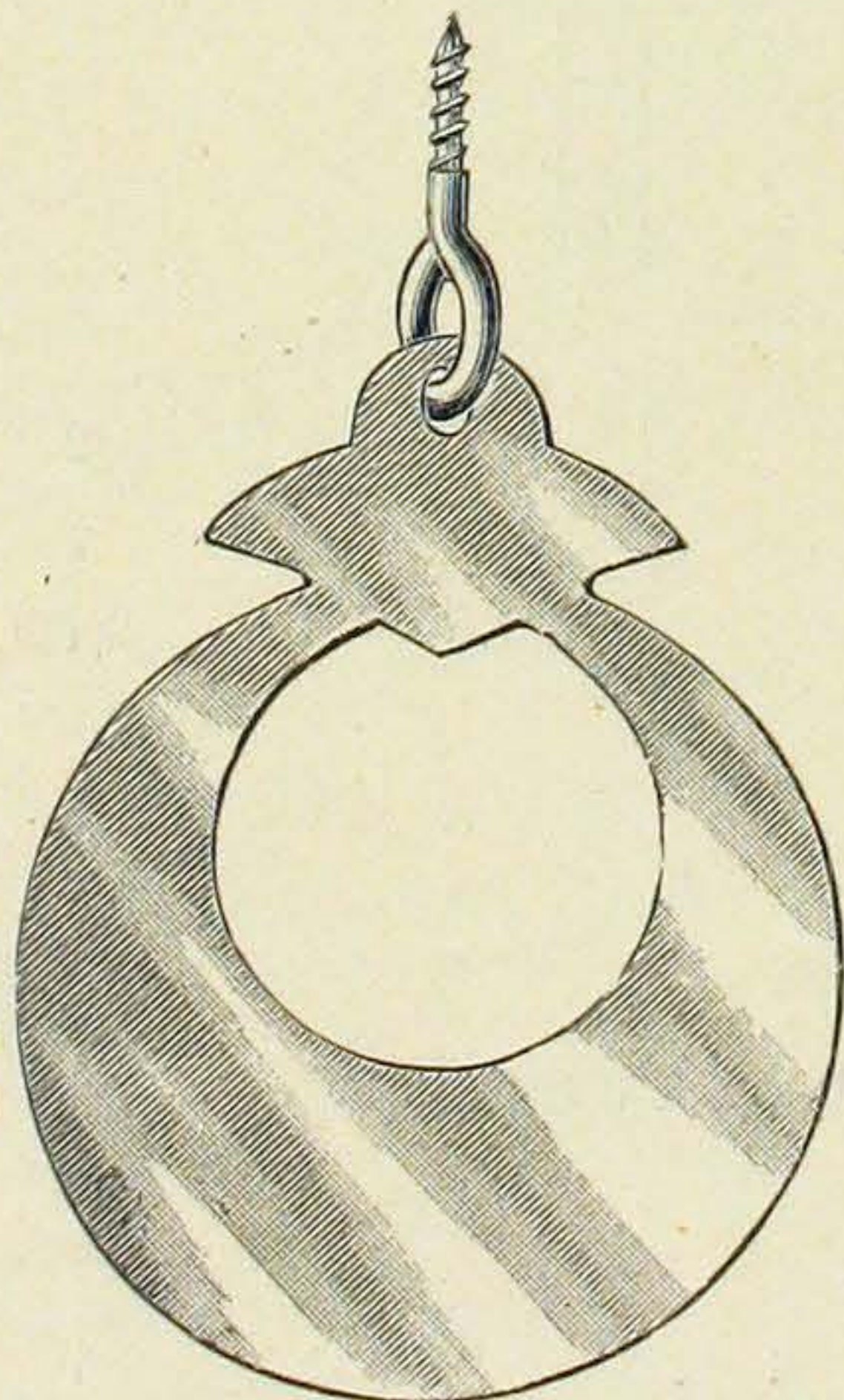
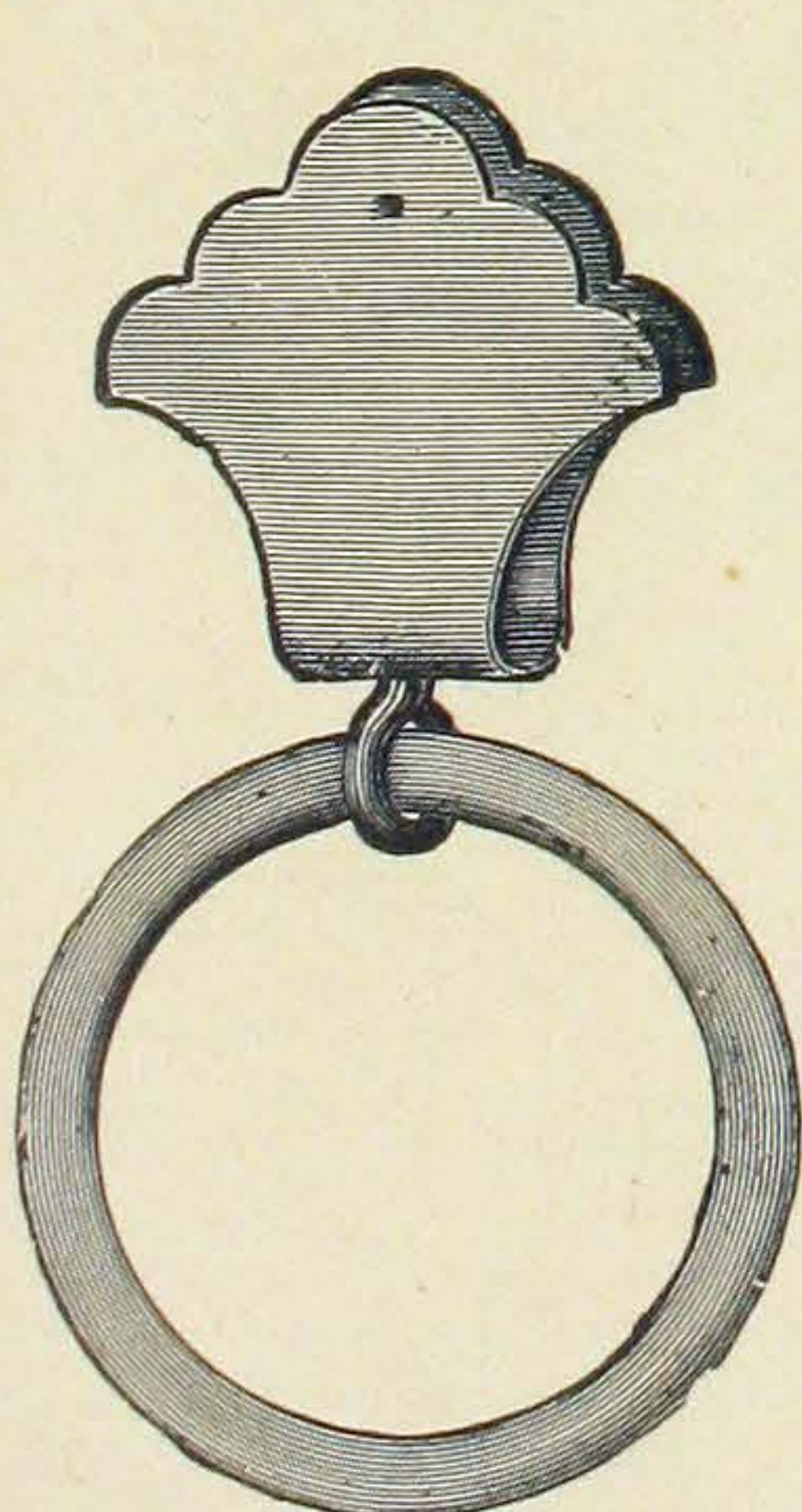
No. 9.

Per gross, . . . \$4.00

Shade Pulls.

CUTS FULL SIZE.

Packed one-quarter gross in a box.

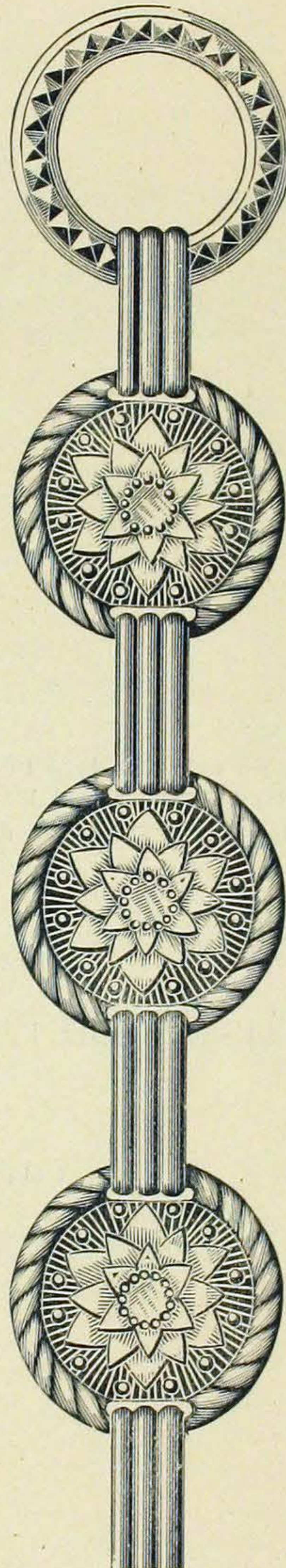


No. 501, Brass, per gro. \$2.30 No. 174, Brass, per gro. \$2.00
 " 502, Nickel, " 2.30 " 174, Nickel, " 2.00

BRASS DRAPERY CHAINS.

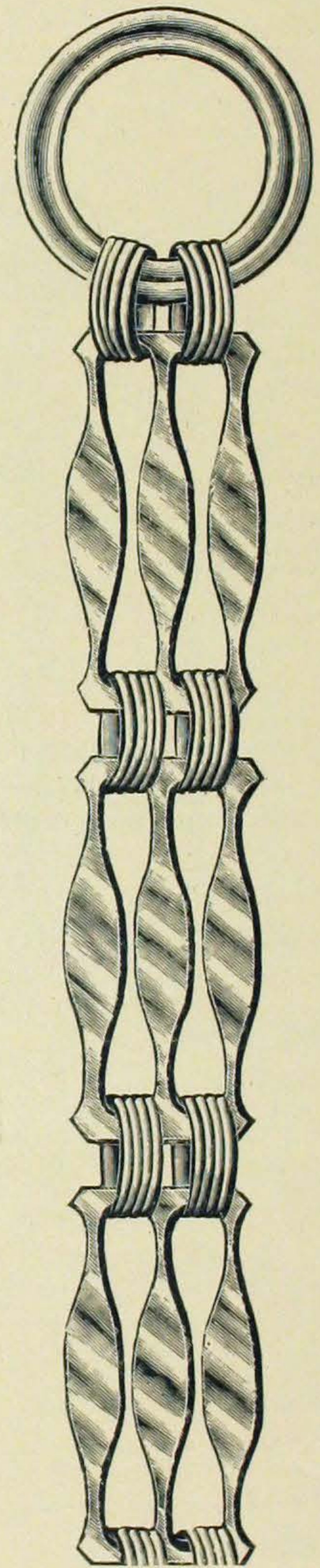
CUTS FULL SIZE

Packed one dozen pair in a box.



No. 413.

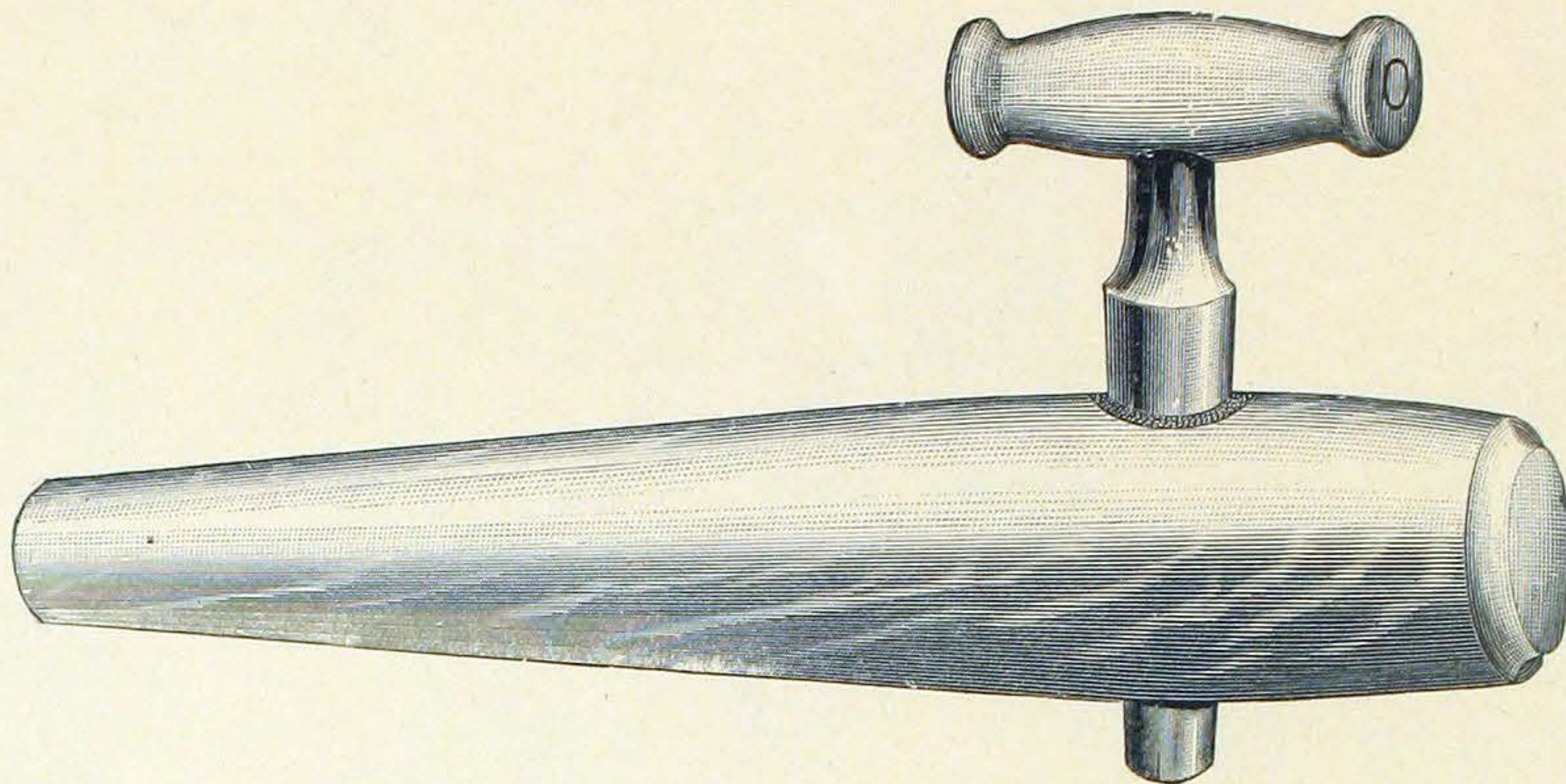
Per pair, . . . \$0.18



No. 357.

Per pair, . . . \$0.18

MAPLE WOOD FAUCETS, NICKEL PLATED KEY.

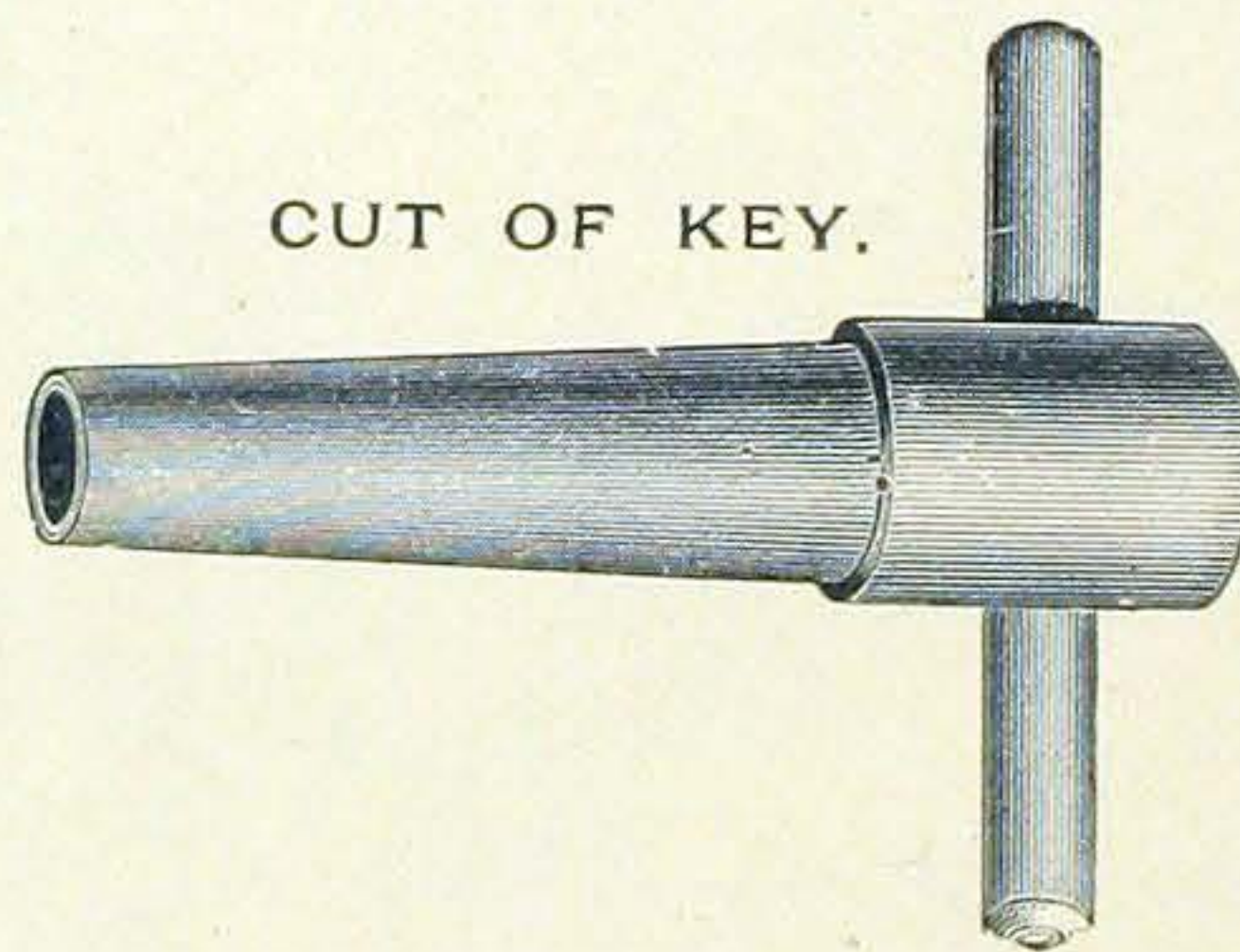


No.	0	1	2	3	4	5
Inches,	7	9	12	15	18	20
Per dozen,	\$3.50	4.50	5.00	6.00	7.50	8.50

NOTICE.

The nickel plated key faucets are acknowledged to be superior to all others, as they will not corrode. They are made of nothing but well seasoned hard maple wood, and lined with best quality of leather. All but the cheap, common wood faucets are put up in double paper boxes, containing one dozen each up to twelve; in larger sizes, one-half dozen in a box.

MAPLE WOOD FAUCETS, ROSEWOOD KEY.



CUT OF KEY.

No.	1	2	3	4
Inches,	6	7	9	12
Per dozen,	\$1.50	2 00	3.00	4.00

COMMON WOOD FAUCETS.

No.	1	2	3	4
Inches,	6	7	9	12
Per dozen,	\$1.00	1.00	1.50	2.00

AGENTS FOR
THE WATERTOWN THERMOMETER COMPANY.

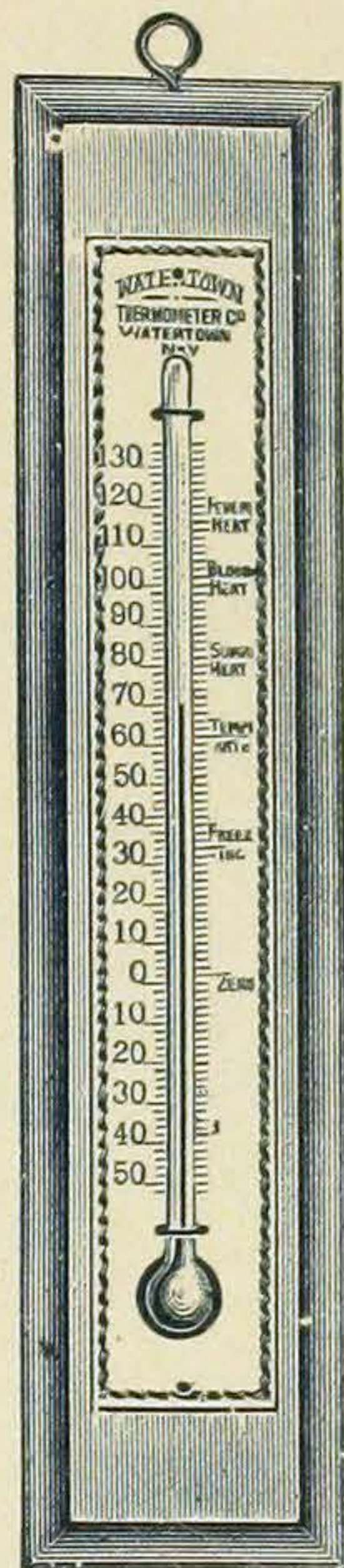
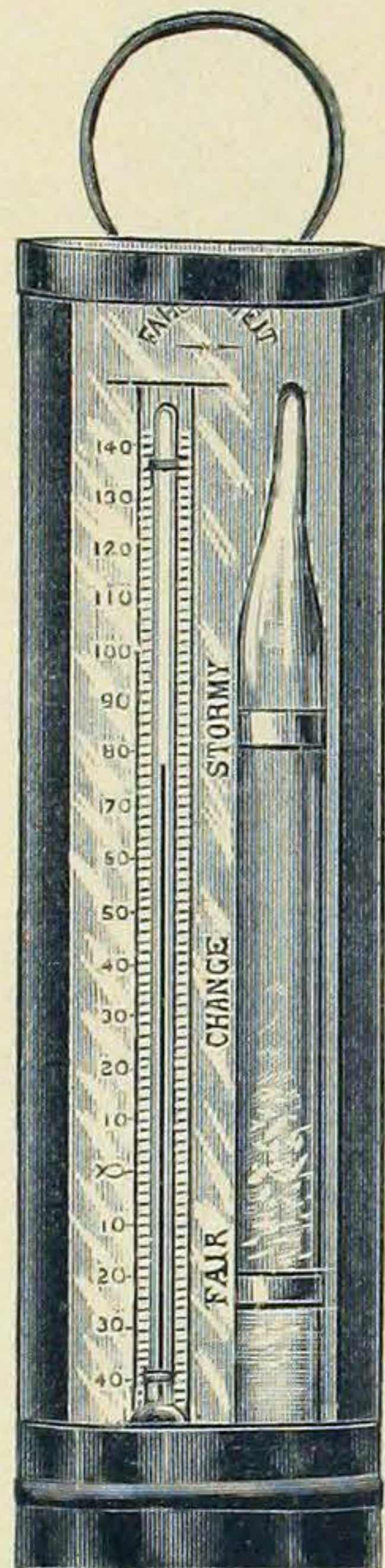
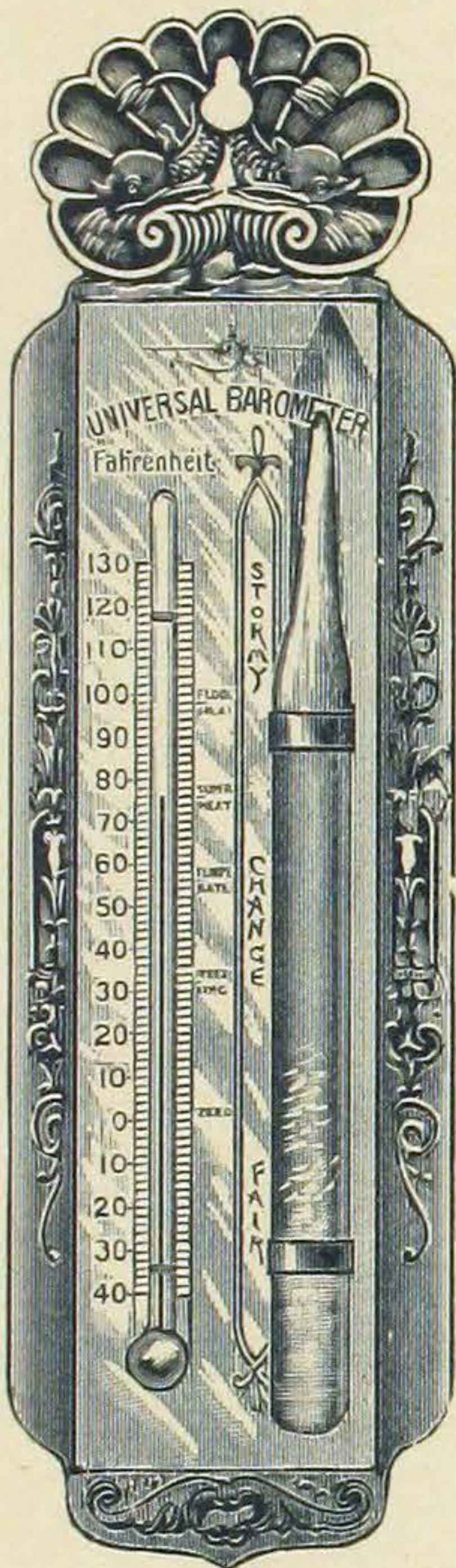


Fig. 7.

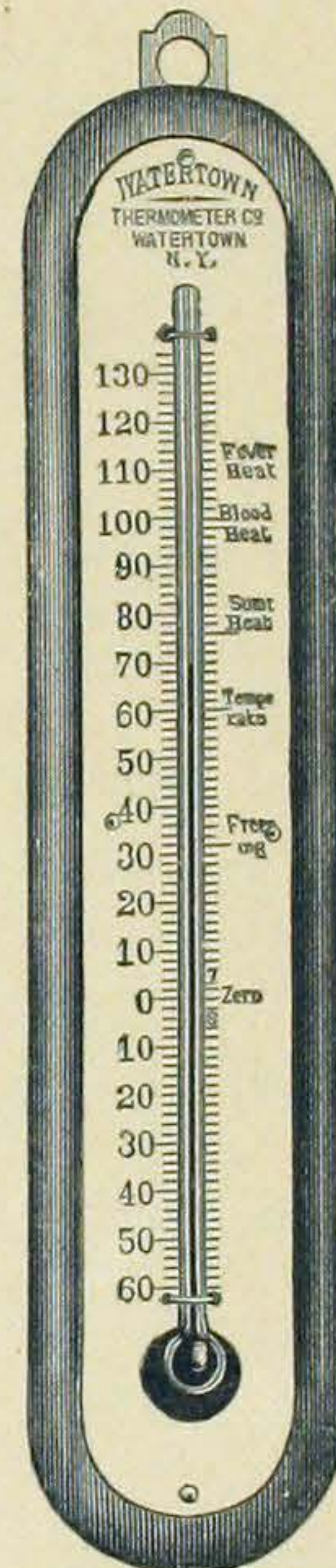


Fig. 8.

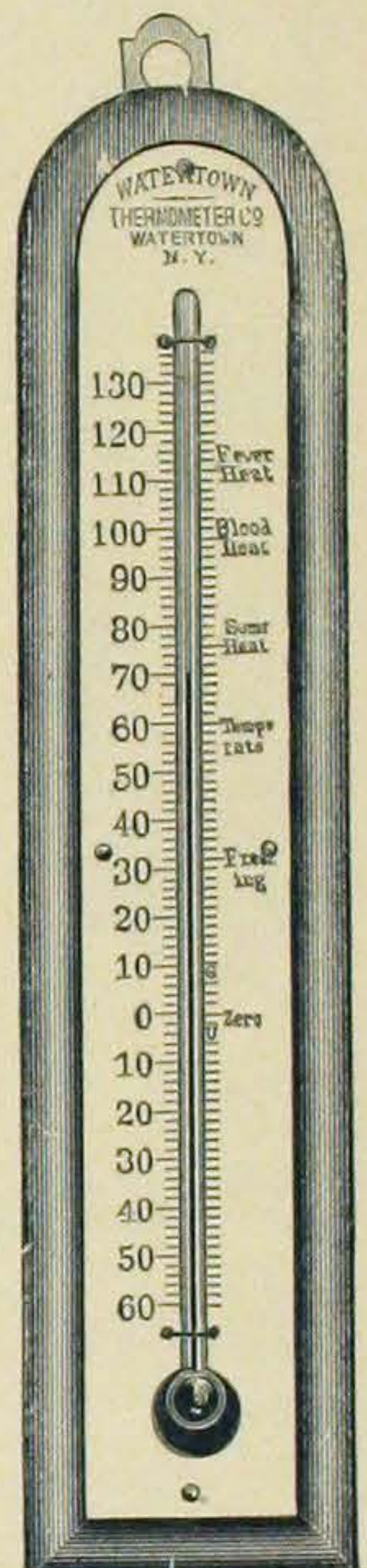


Fig. 9.

Storm Glasses.

Pool's Signal Service Barometer,	per dozen, \$4.00
Cottage Barometer,	" 4.00
The Watertown Barometer, hardwood, cove moulding, oval scale,	" 4.50
Cottage Barometer, with glazed labels,	" 4.50
Universal Barometer, in three colors, blue, white and gold,	" 3.50
Japanned Tin Case Barometer, silvered metal scale,	" 4.00
Polished Copper Case Barometer, silvered metal scale,	" 6.00

Cabinet or House Thermometers.

Common Grade.

Six inch, square ends, Fig. 7,	per dozen, \$2.75
Eight " " " " 7,	" 3.00
Ten " " " " 7,	" 3.50

Cabinet or House Thermometers.

[illegible]

Medium Grade.

Six	inch, polished hardwood case, beveled moulding, brass guard, selected tubes, carefully tested and fastened with bands ; a very popular thermometer,	per dozen, \$5.00
Eight	" same as six inch,	" 6.00
Ten	" " "	" 7.00
Twelve	" " "	" 9.00
Eight	" variegated case, beveled moulding ; case made from quarter inch strips of cherry, maple and walnut,	" 9.00

Standard Grade.

Eight	inch,	tin case, graduated in single degrees ; tubes seasoned ; brass clasps and guards, accurate and reliable ; range about 110° to 130° above zero,	per dozen, \$8.00
Ten	“	tin case, same as eight inch,	“ 10.00
Twelve	“	“ “ “ “	“ 14.00
Fourteen	“	“ “ “ “	“ 16.00
Six	“	polished hard wood case, round bulb,	“ 8.00
Eight	“	same as six inch,	“ 12.00
Ten	“	“ “ “ “	“ 14.00
Twelve	“	“ “ “ “	“ 16.00

Incubating Thermometers.

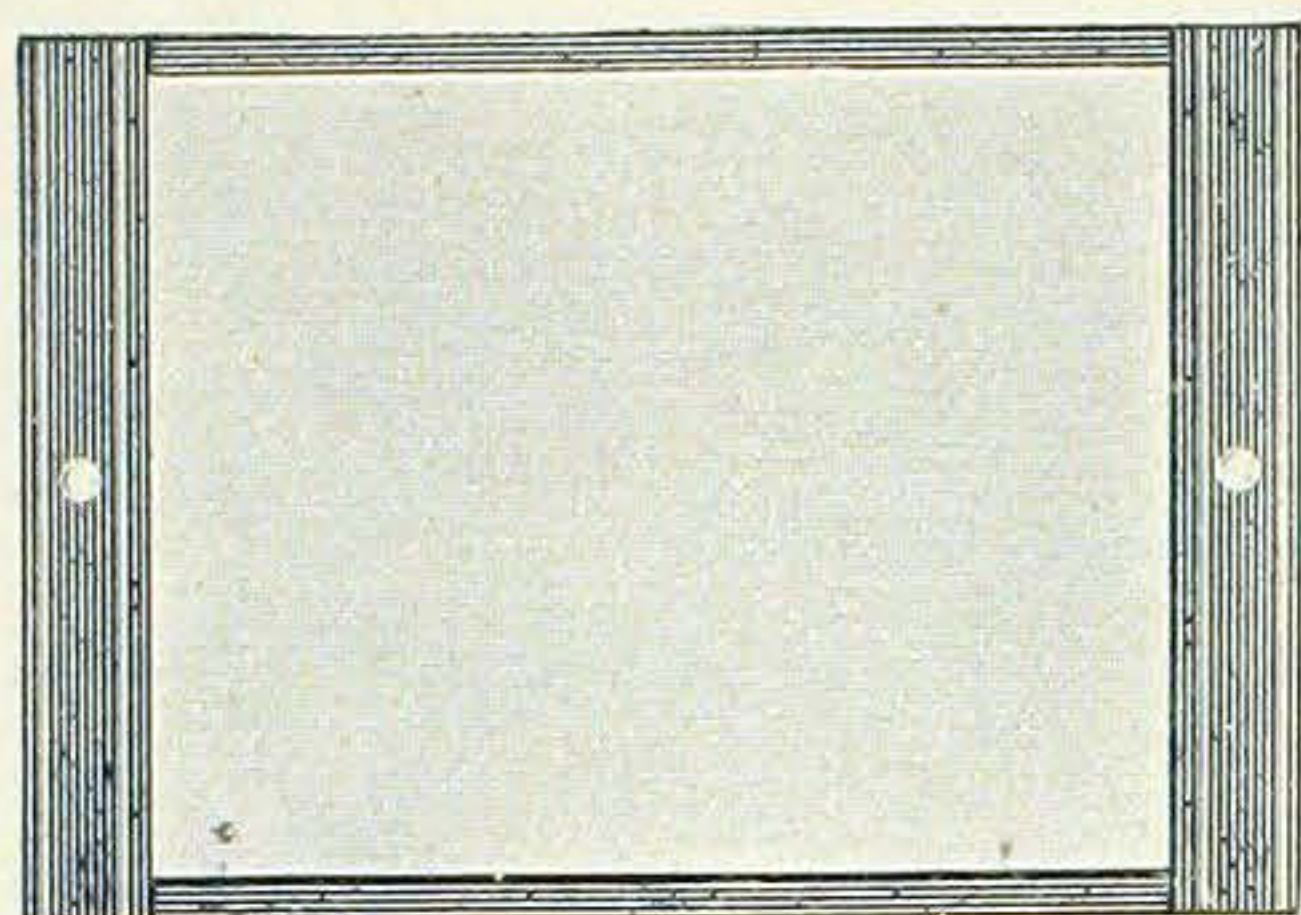
Six and three-quarter inch, brass flange case, scale graduated in single degrees,	.	.	per dozen, \$8.00
“ “ “ wood case, scale from about 80 to 130 half “	.	.	“ 8.50

AGENTS FOR

QUEEN ANNE SCREEN CO.

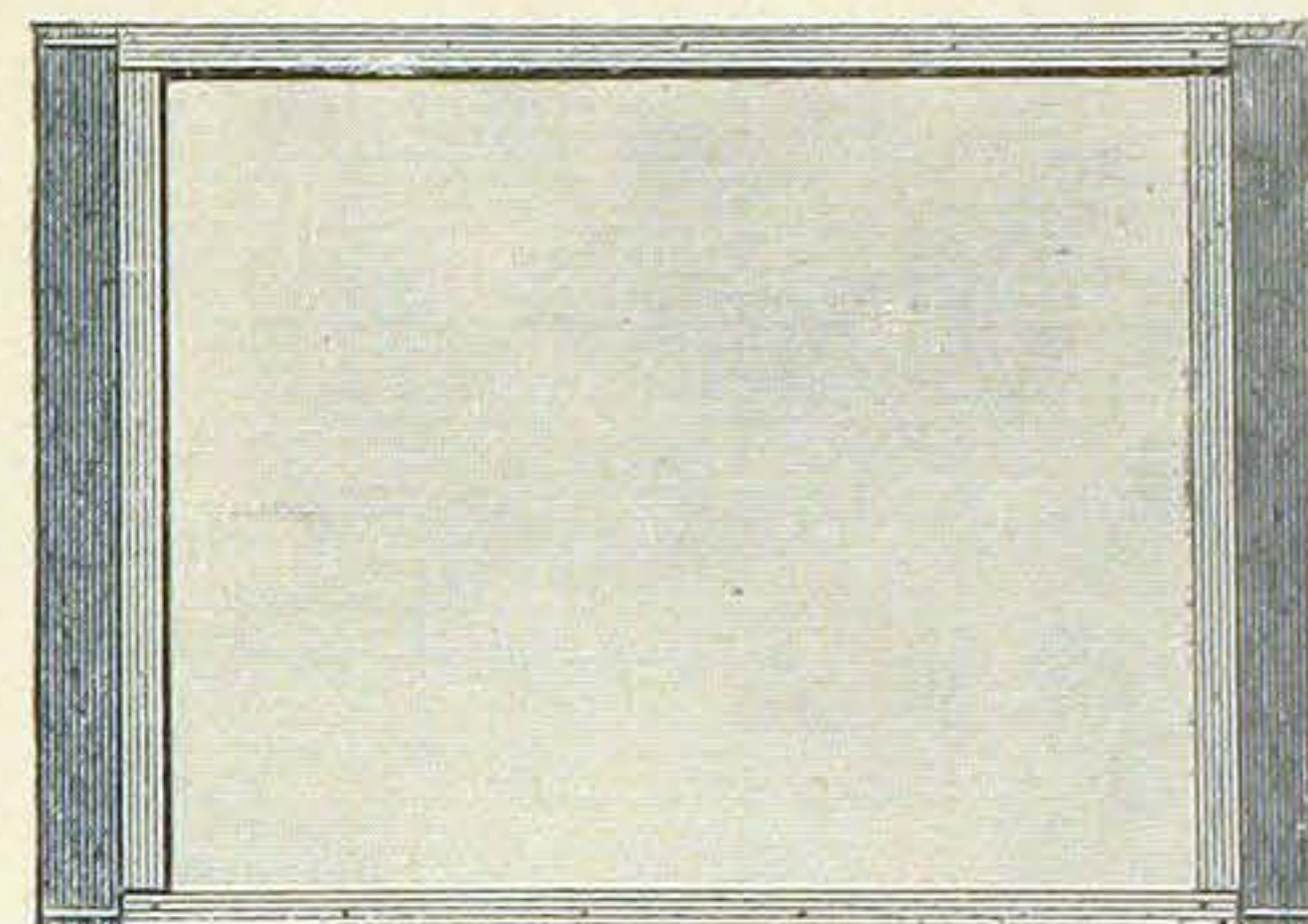
"Queen Anne," "Eureka" and "Leader" Window Screens, Screen Corners, and Sticks for Frames.

"The Leader."



FRONT.

PATENTED JUNE 17, 1890.



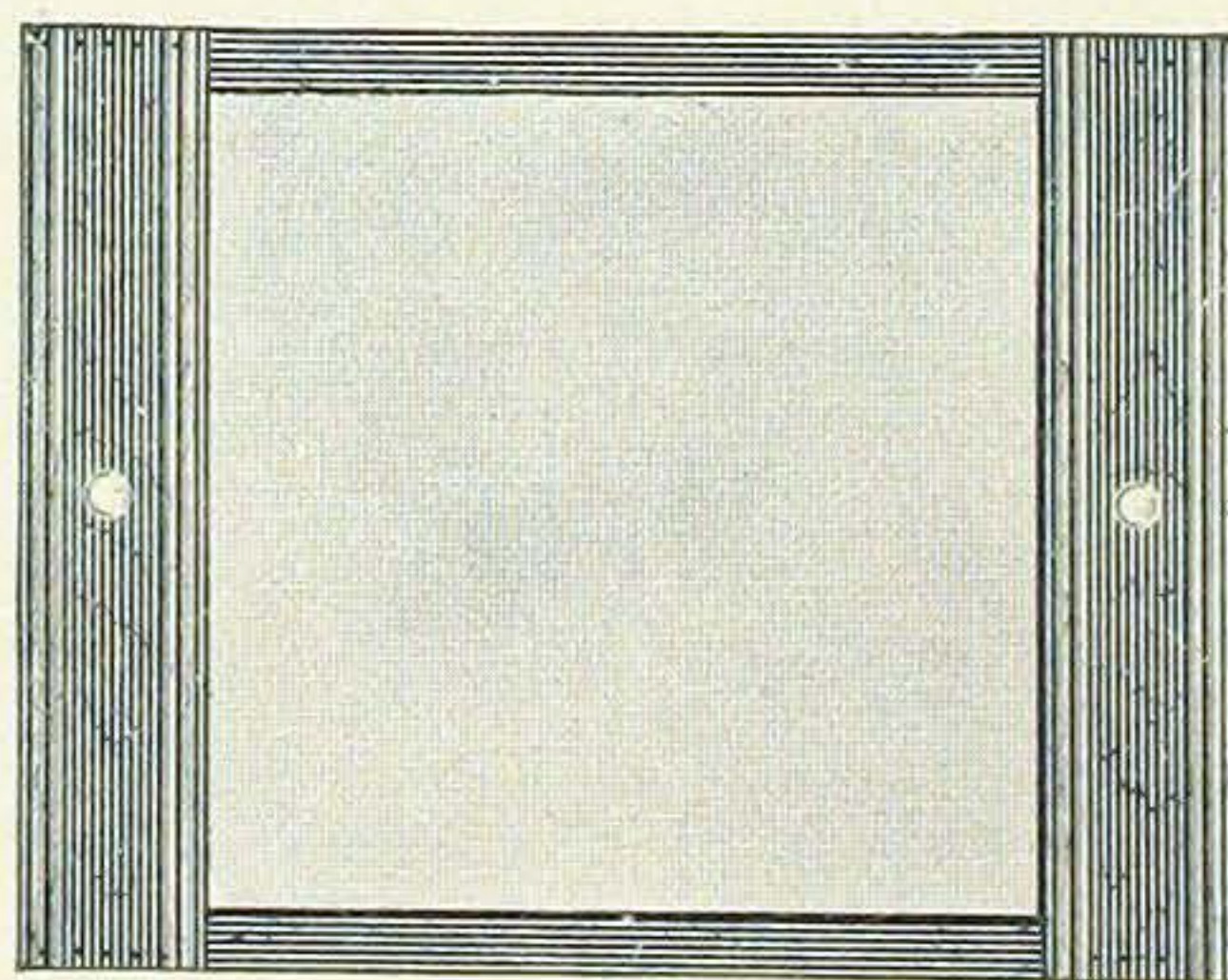
BACK.

The spring is entirely concealed, and cannot break, wear out, or get out of place.

	HIGH.	CLOSED.	OPEN.	IMITATION CHERRY
No. 1,	21 $\frac{1}{4}$ inch.	25 inch.	29 inch.	per dozen, \$6.00
" 1 $\frac{1}{2}$,	23 $\frac{1}{4}$ "	25 "	29 "	" 6.50
" 2,	21 $\frac{1}{4}$ "	29 "	33 "	" 7.00
" 2 $\frac{1}{2}$,	23 $\frac{1}{4}$ "	29 "	33 "	" 7.50
" 3,	23 $\frac{1}{4}$ "	33 "	37 "	" 8.00

Above screens without springs, 5 per cent extra discount.

The "Eureka."



PATENTED JUNE 17 1890.

	HIGH.	CLOSED.	OPENED.	IMITATION CHERRY.
No. 1,	21 $\frac{1}{4}$ inch.	28 inch.	33 inch.	per dozen, \$6.00
" 1 $\frac{1}{2}$,	23 $\frac{1}{4}$ "	28 "	33 "	" 6.50
" 2,	23 $\frac{1}{4}$ "	33 "	38 "	" 7.00
" 2 $\frac{1}{2}$,	25 $\frac{1}{4}$ "	33 "	38 "	" 7.50

The Leader or Eureka Screen will be furnished stained in imitation of Black Walnut at same price as imitation Cherry, when so ordered.

A large, ornate metal safe with its door open, revealing a fine mesh screen inside. The door has decorative panels with the text "PATENT APPLIED FOR" and "QUEEN ANNE SCREEN". The safe is dark-colored with intricate carvings on the door and frame. The mesh screen is a light-colored, fine-weave material. The safe is set against a plain, light-colored background.

Nos. 21, 22, 23, 24 and 25 are made of Maple or Birch stained imitation of Cherry, or in natural wood and cabinet finished, with lifts and face plates.

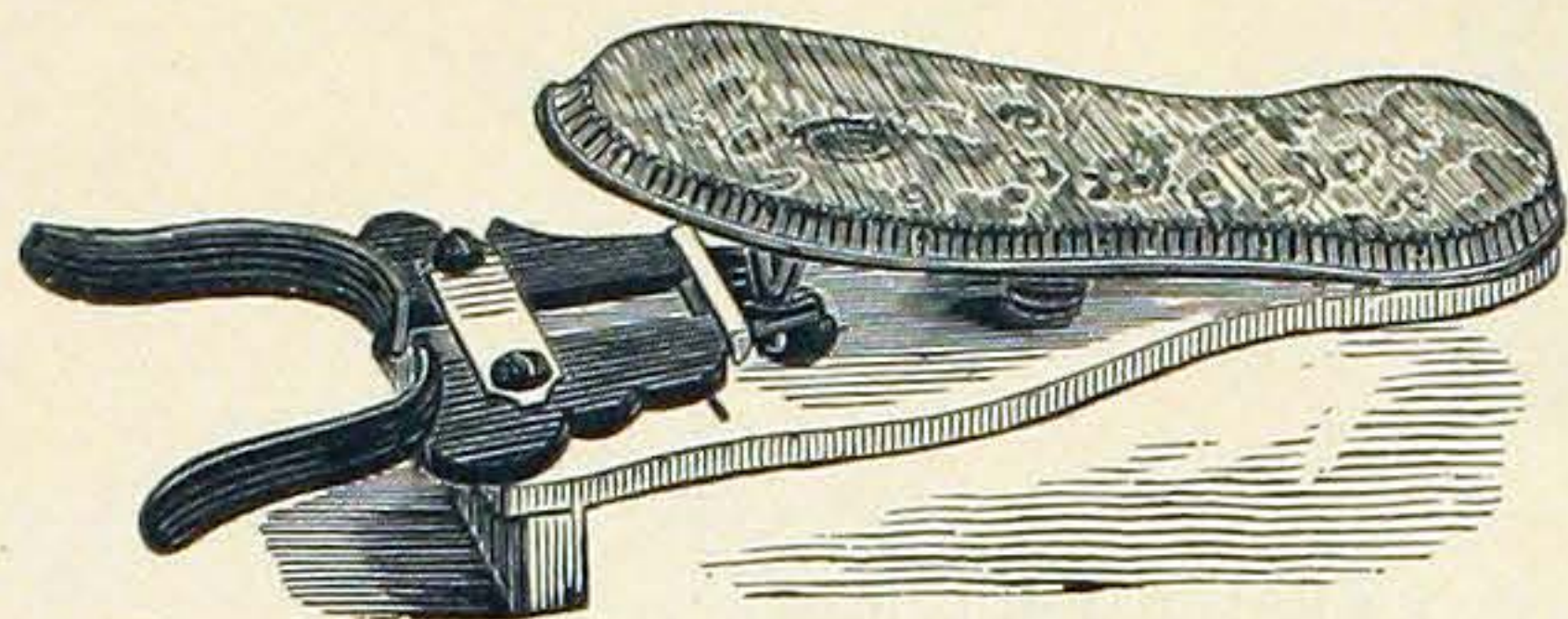
SIZE OF EACH VARIETY.			PINE IMITATION BLACK	CABINET FINISHED STAINED
HIGH.	CLOSED.	OPEN.	WALNUT.	IMITATION CHERRY, OR IN NATURAL WOOD.
21½ inch.	18 inch.	23 inch.	No. 1, \$6.80	No. 21, \$8.50
21½ “	23 “	28 “	“ 2, 7.20	“ 22, 9.20
21½ “	28 “	33 “	“ 3, 7.30	“ 23, 10 00
23½ “	33 “	38 “	“ 4, 8.30	“ 24, 11.20
25½ “	39 “	45 “	“ 5, 9.50	“ 25, 13.00

Corners are packed No. A, 12 sets in a box and 12 boxes or one gross sets in a case. No. B, six sets in a box and 12 boxes or $\frac{1}{2}$ gross sets in a case.

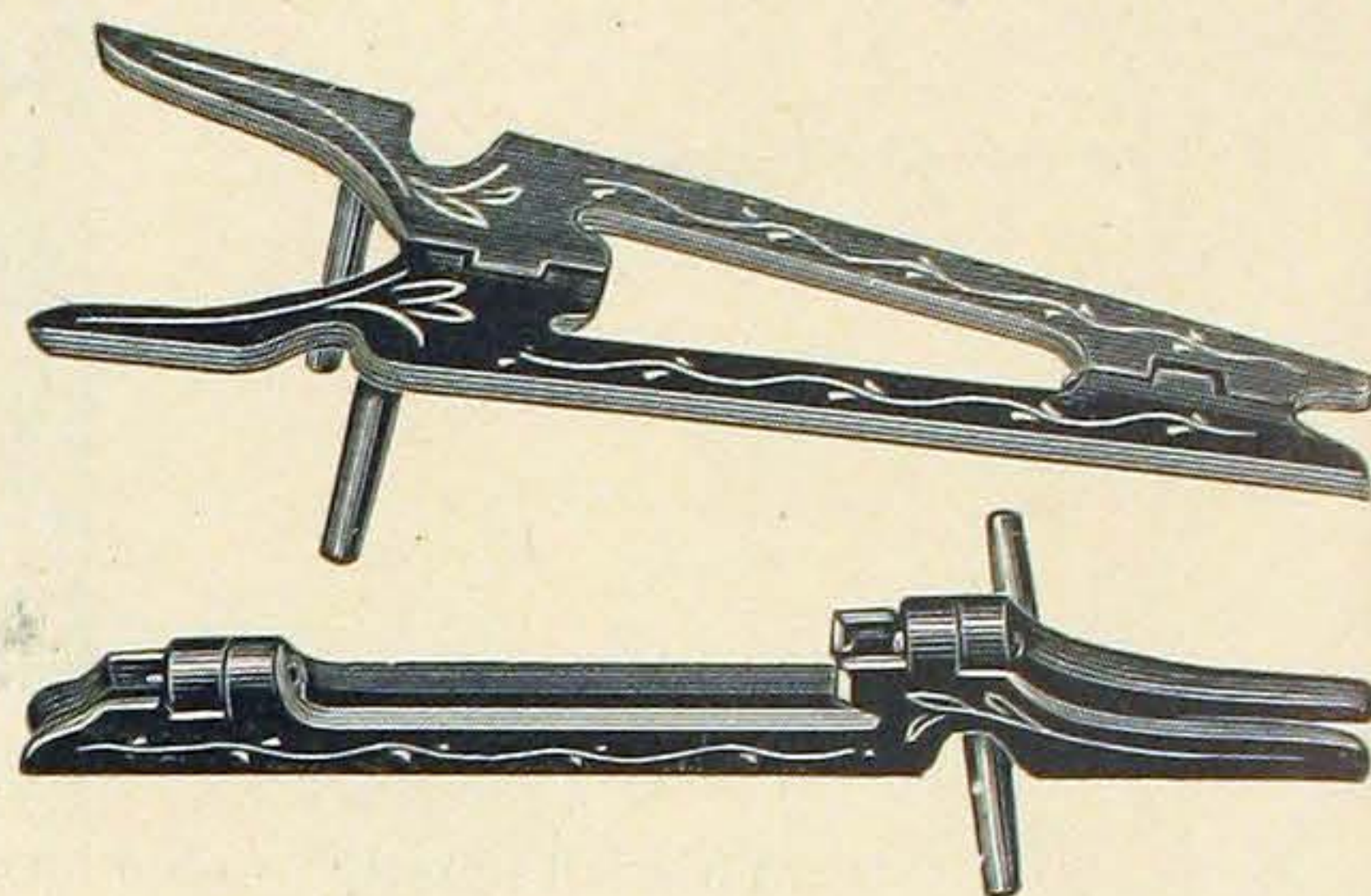
10 per cent. discount on above goods in the white.

RIPLEY MANUFACTURING CO.

Ripley's Automatic and Folding Boot Jack.



No. 2.

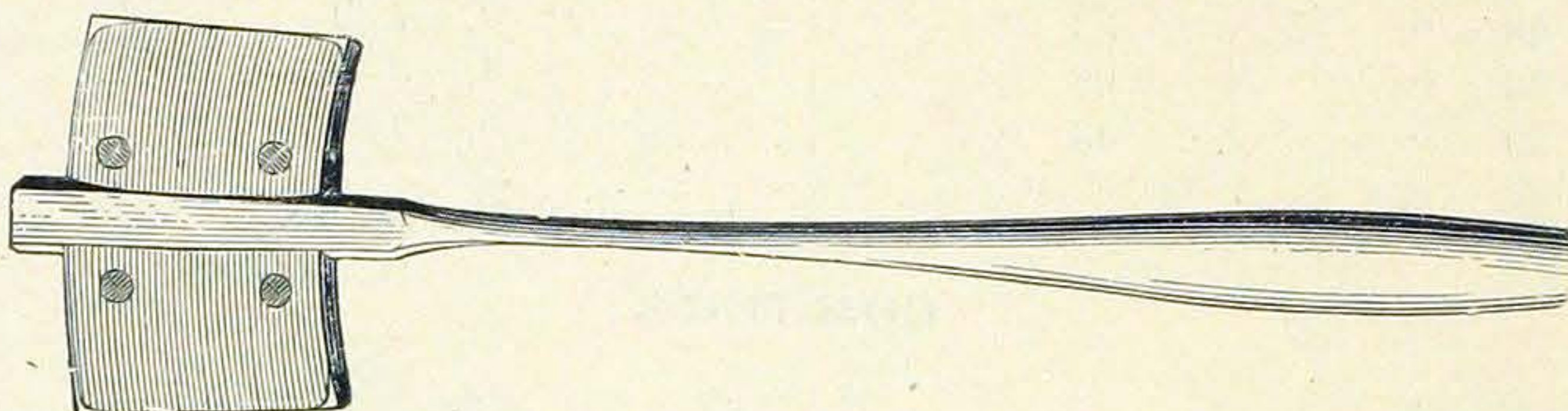


No. 3.

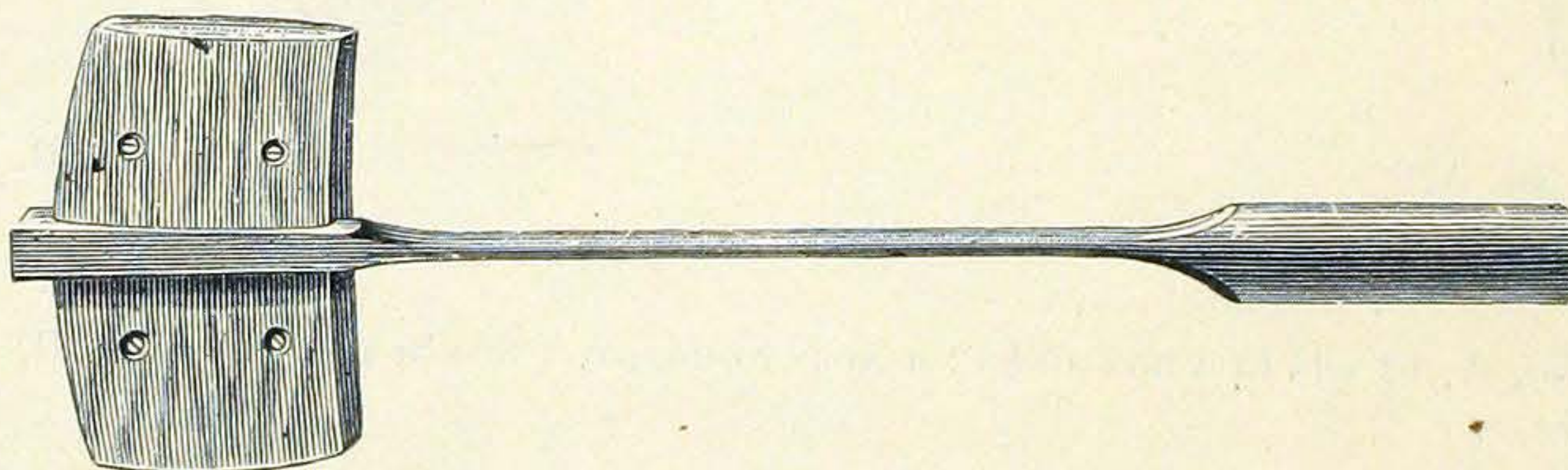
No. 1, Patent Automatic, extra finish,	per dozen, \$7.50
" 2, " " " carpeted,	" 10 00
" 3, Tourists' Folding Jack, fine japanned,	" 2.50

Ripley's Hickory Bung Start.

With dovetailed handles, best second growth Connecticut Hickory.



No. 1.

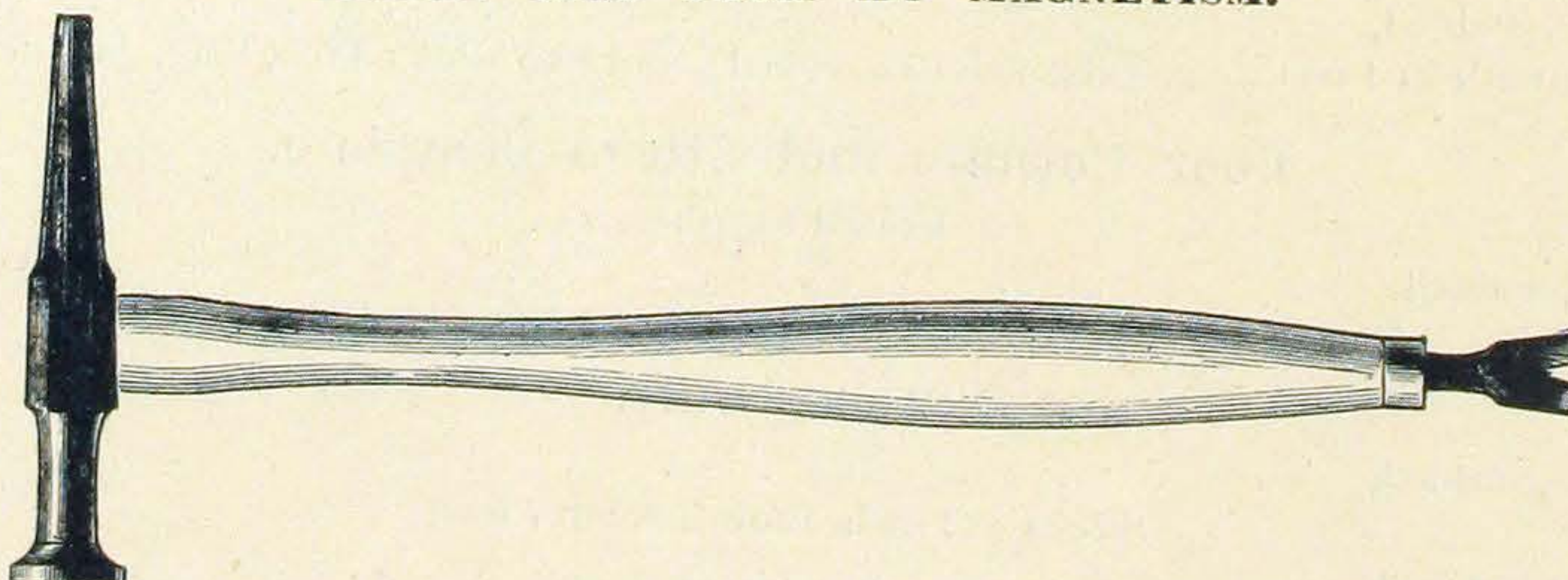


No. 2.

No. 1, Standard style, 4 screws in each head,	per gross, \$30.00
" 2, Patent extra stock, shaved handle extra elastic,	" 40.00

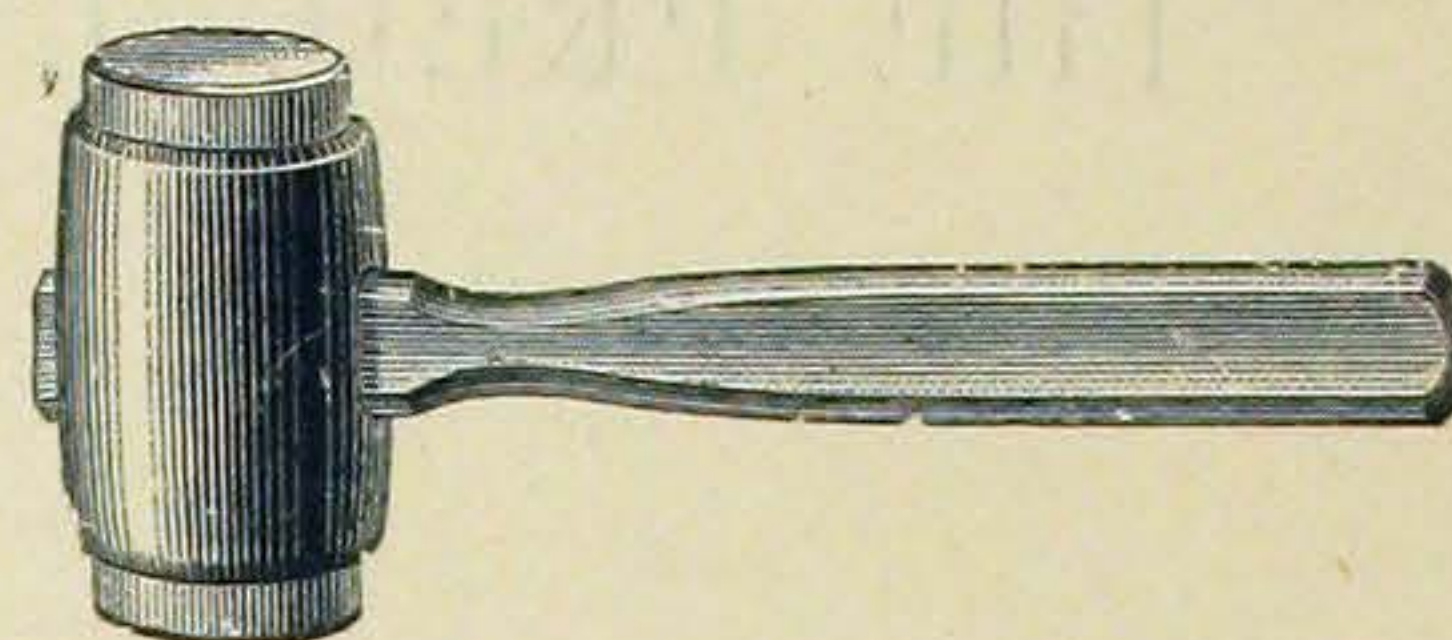
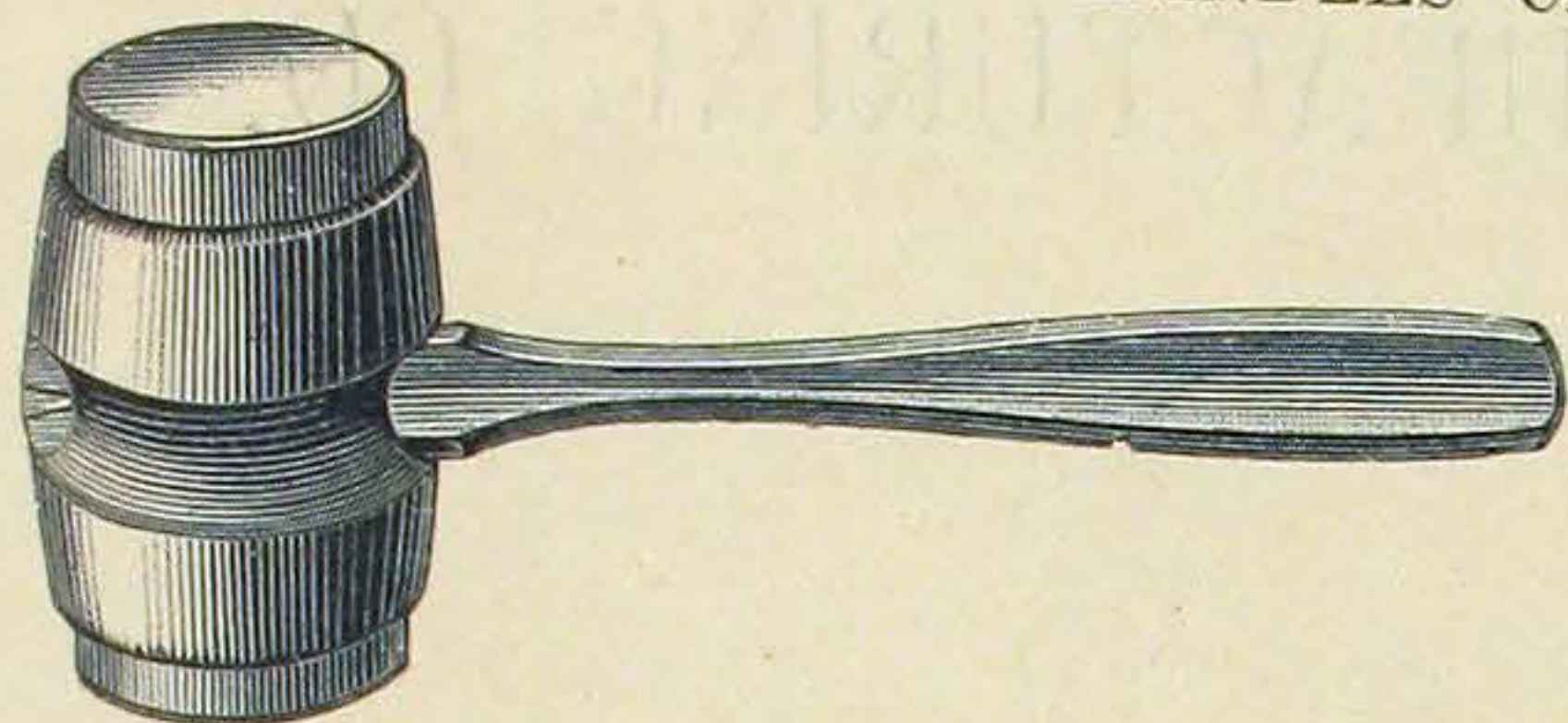
Magnetic Tack Hammers.

HOLDS THE TACK BY MAGNETISM.



No. 1. Magnetic claw in head, 1 dozen in box,	per dozen, \$1.25
" 2. " " handle,	" 1.50
" 3. " " " extra large,	" 1.75

HANDLES CAREFULLY FITTED AND WEDGED IN.

[illegible]

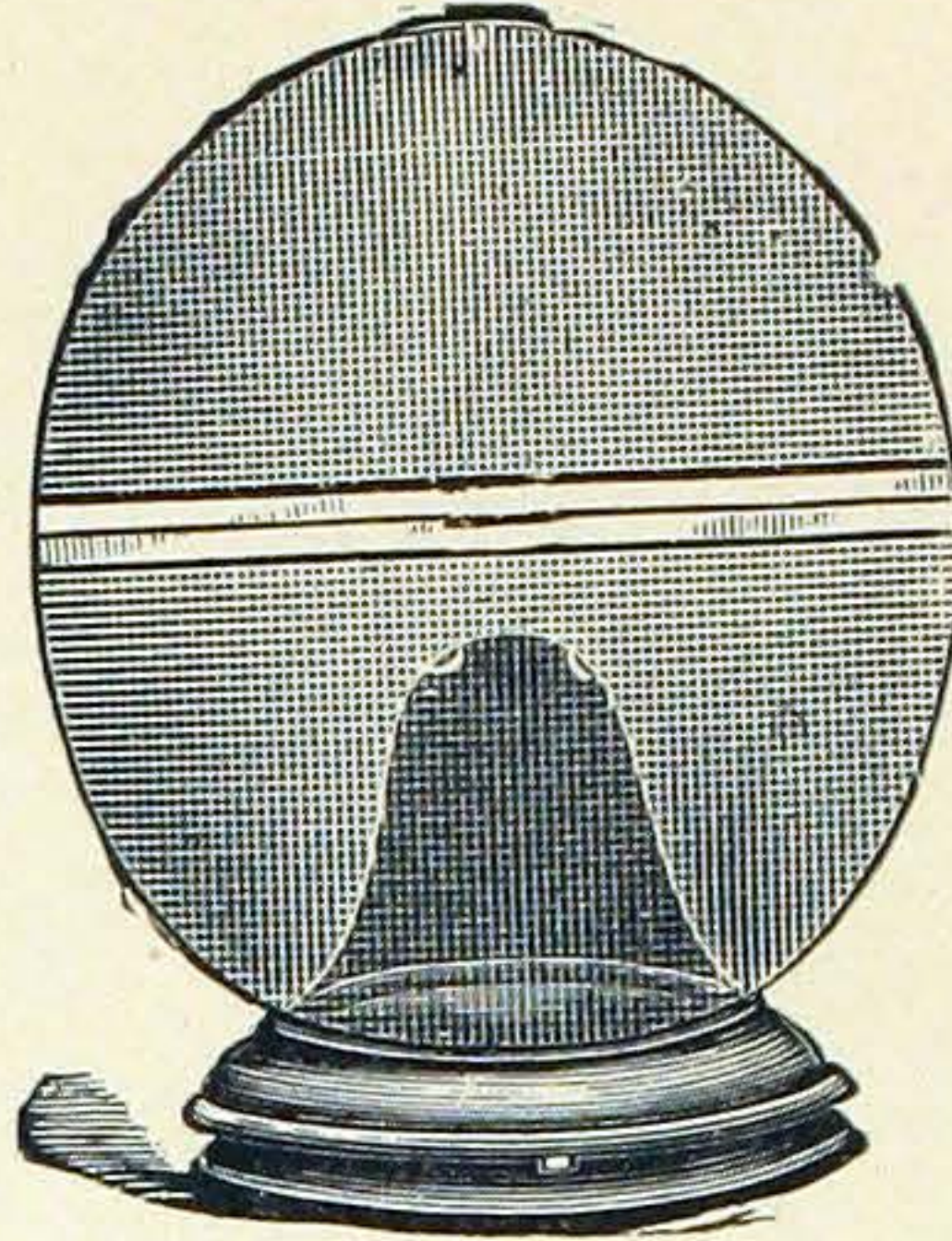
No. 1.	Porcelain bowl and compress, elastic wooden frame, connecting hinge tinned to avoid rust, best article for the purpose made,	per dozen, \$6.00
" 2.	Wood bowl and compress, hinges and screws tinned,	" 2.00

No. 1.	Japanned,	per dozen, \$2.25
" 2.	Crystal plated,	" 3.00

Case containing one gross,	per gross, \$7.50
“ “ two gross.	“ 7.00
“ “ five gross,	“ 6.00
Packed in 1 dozen boxes for shelf use. In cases of 1 gross, 2 gross, or 5 gross. No charge for case.	

AGENTS FOR
THE FRED. J. MEYERS' MANUFACTURING CO.

Globe Fly Trap.

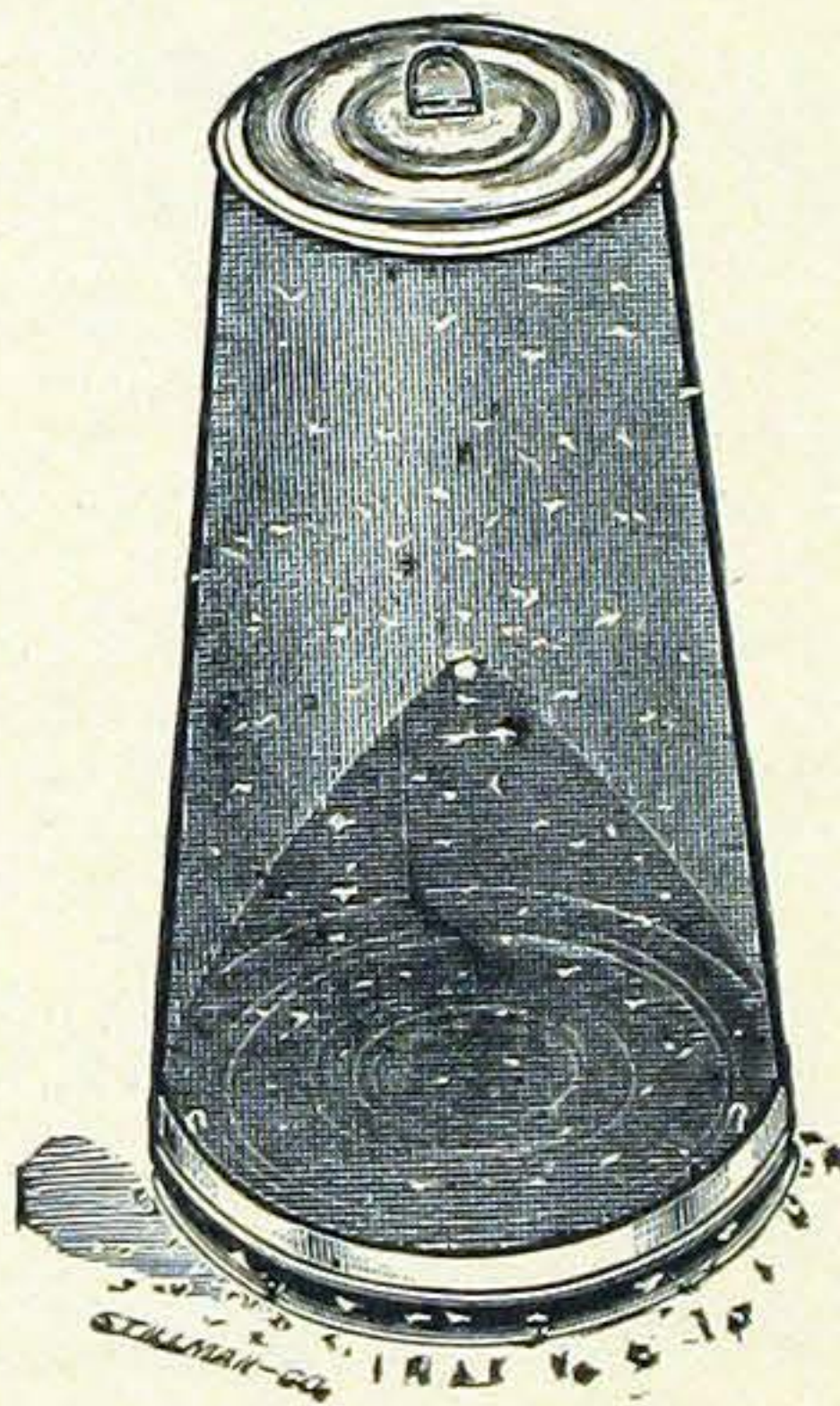


Per dozen,

Packed in boxes of one dozen each.

\$2.25

The Champion Fly Trap.



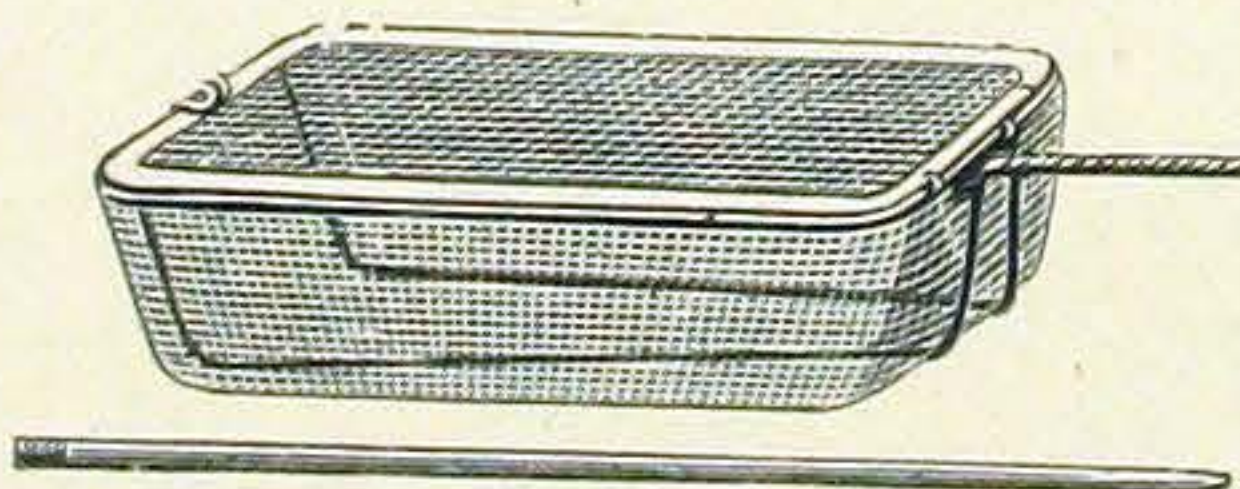
This trap will catch more flies in less time than any other trap in the market. It is the largest, strongest and best made; has also a higher cone than any other, and is justly called the Champion Trap.

Per dozen,

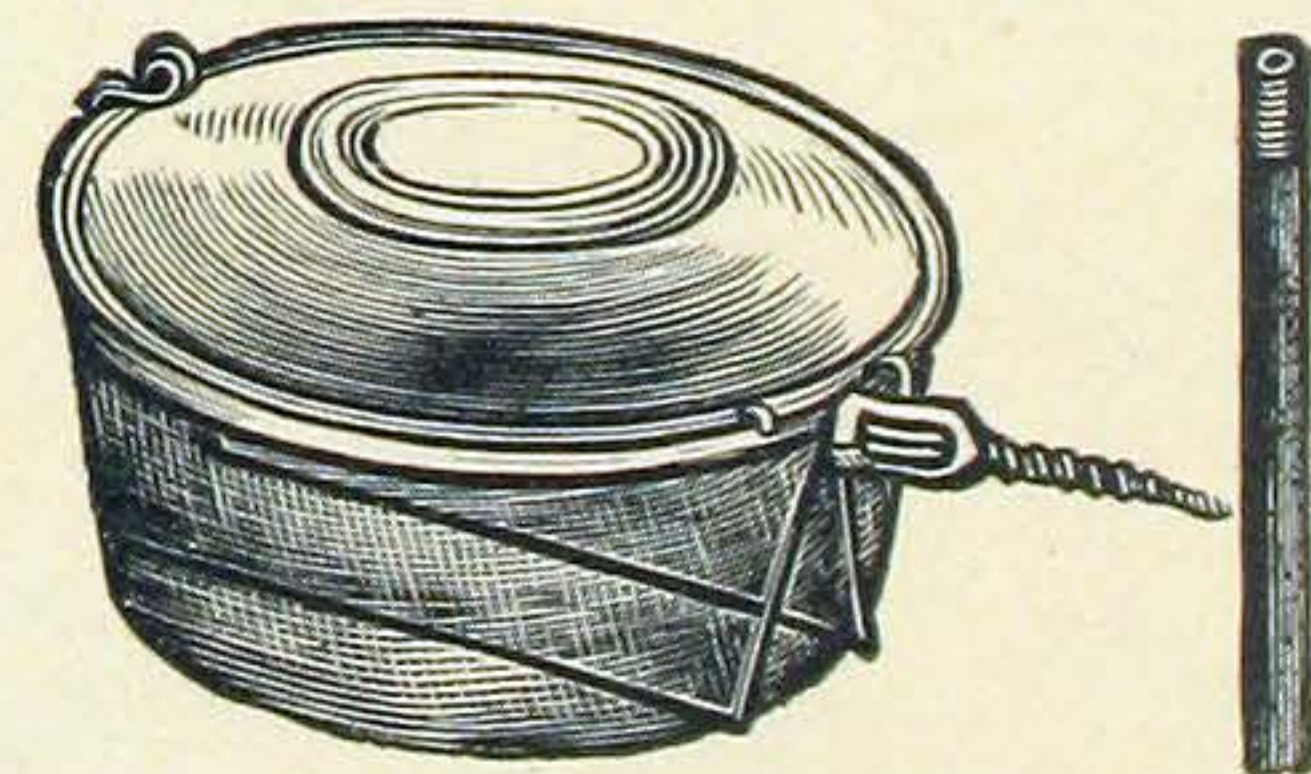
Packed in boxes of one dozen each.

\$2.65

Corn Poppers.



Square Popper.



Round Popper.

Square round cornered Corn Popper, screw wood handle, wire or tin lid,

" " " " wire " " " " " " " "

" " " " wood " " " " " " " "

Round Corn Popper, screw wood handle,

Our patent Oval Popper, with round corners, is the neatest, strongest and largest popper made.

per gross, \$20.00

" 20.00

" 34.00

" 20.00

Round Dish Covers.



Round, Blue, or plated, 6, 7, 8, 9 and 10 inches,	per set of five, \$0.75
6 inch, blue or plated wire,	per dozen, 1.20
7 " " " "	" 1.45
8 " " " "	" 1.75
9 " " " "	" 2.10
10 " " " "	" 2.50
12 " " " "	" 4.50
14 " " " "	" 6.00

Spooled Hair Wire.



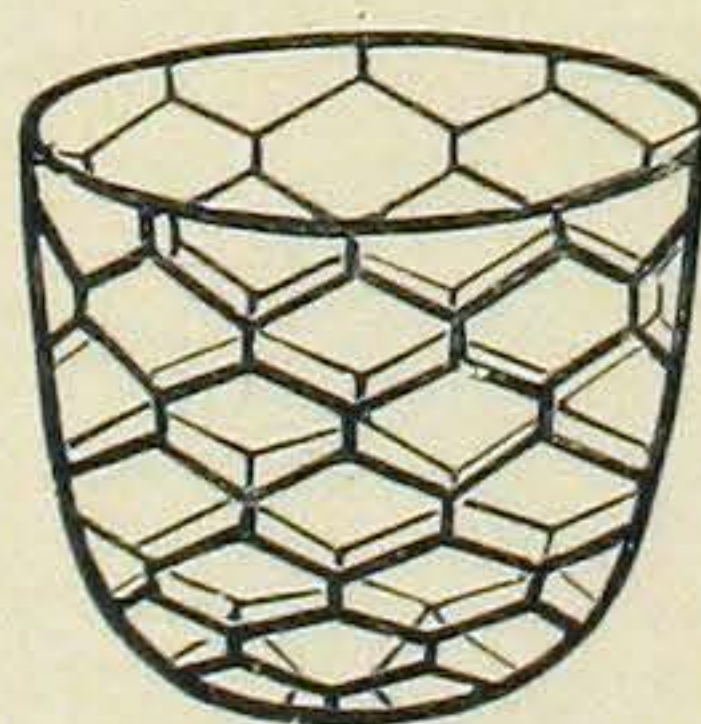
For floral, wax and hair work.

Assorted annealed iron wire, Nos. 25 to 36,	per dozen spools, \$0.40
" " " plated, Nos. 25 to 36,	" " 0.50

Packed also separate, any number from 25 to 36, assorted any number desired, at same price as above.

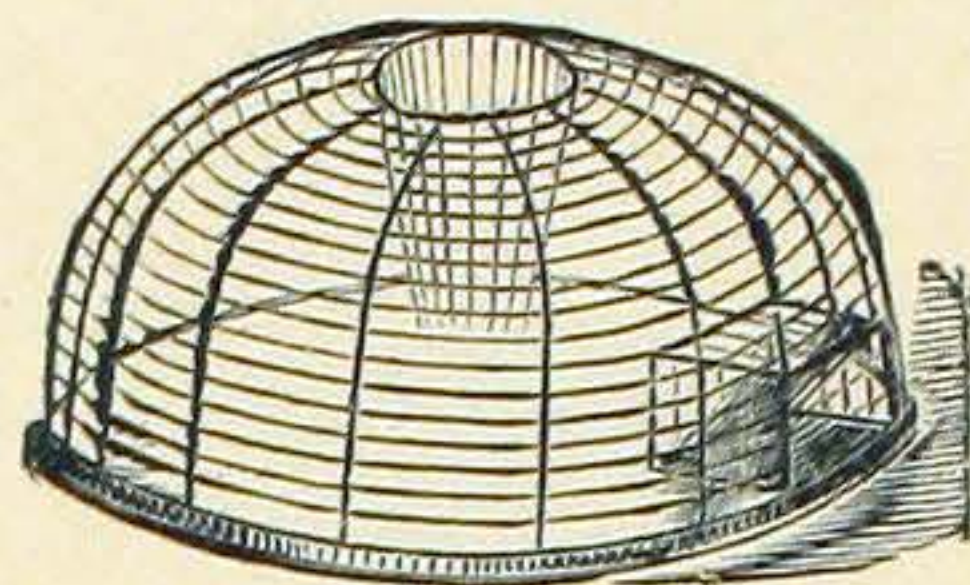
Packed one dozen spools in a box.

Horse and Ox Muzzles.



No. 1, Japanned, light,	No. 17 wire,	per gross, \$7.00
" 2, " heavy,	" 16 "	" 8 50
" 3, " extra heavy,	" 15 "	" 10.00
" 4, Galvanized,	" 17 "	" 9.00
" 5, " heavy,	" 16 "	" 11.50
" 6, " extra heavy,	" 15 "	" 15 00
" 7, " very heavy,	" 14 "	" 19.00

Round Rat Traps.



12 rib, 13 inch bottom,
18 " 14 "

per dozen, \$3.75

" 4.50

The above goods are the same as our extra goods, only a lighter article. Traps galvanized after made, \$1.00 net per dozen advance on above price.

Extra Round Rat Traps.

Extra round, 12 rib, 13 inch bottom,
" 14 " 13 "
" 18 " 14 "

per dozen, \$4.25

" 4.75

" 5.50

Round Rat Traps—all wire.

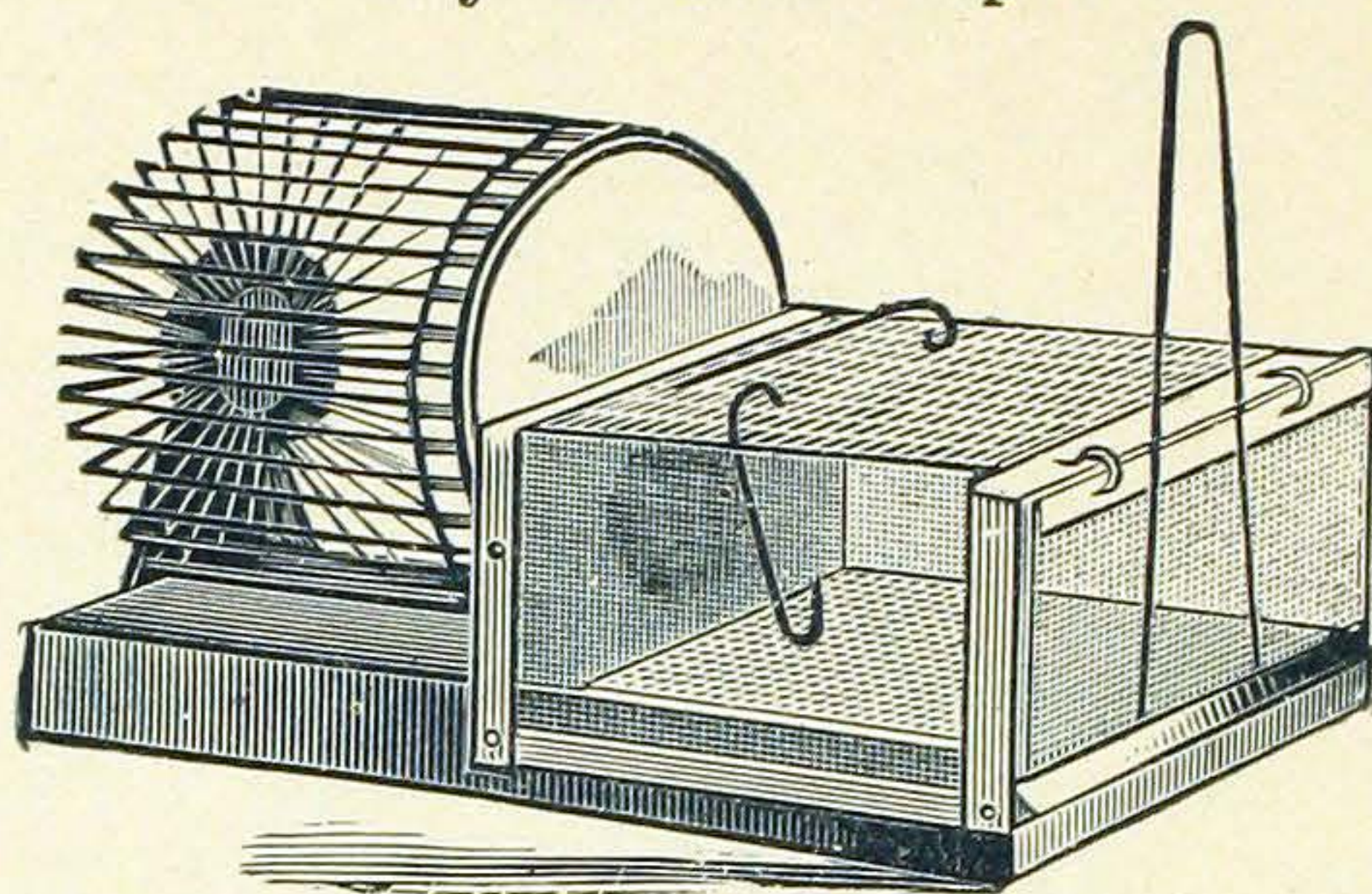
Round, 12 rib, wire bottom,
" 18 " "

per dozen, \$5.00

" 6.00

Any of above traps tinned, and each wire firmly soldered together, at \$1.00 per dozen advance on above prices, making the strongest and best trap made.

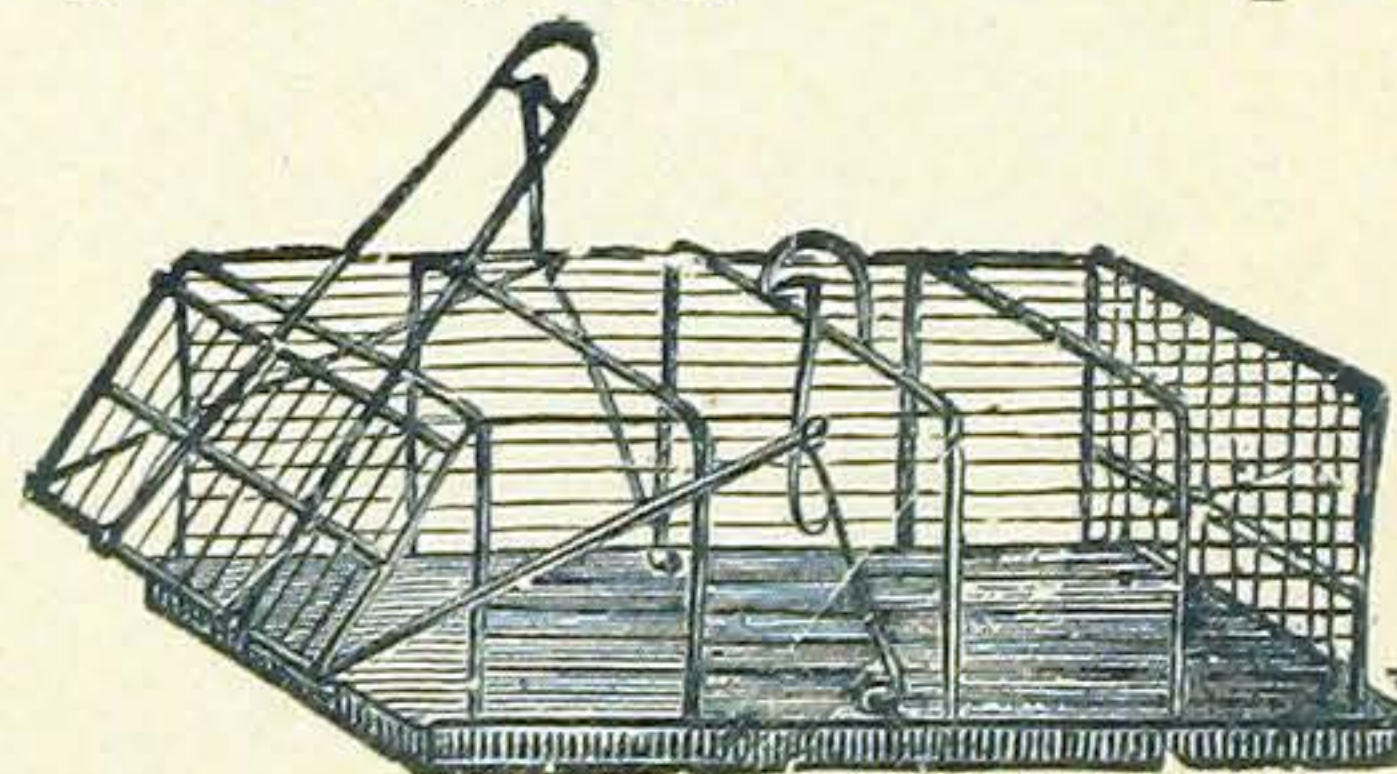
Toy Mouse Traps.



Bottom, 3x6½ inch,

per gross, \$28.00

Square Spring Rat Traps.



Square spring wood bottom,
Double door " "

tinned,

per dozen, \$4.75

" 5.00

Extra Single Door Spring Traps.

WITH REAR ENTRANCE.

Extra square wood bottom,

per doz., \$5.00 | Extra square 7x12 inch wire bottom,

per doz., \$6.00

Hunter's Patent Sifter.



PATENTED
MAY 16-71.
APRIL 7-74.

MARCH 12-78.
AUG-5-79.
FEB-28-82.

No. 1,

THE BEST OF THE KIND ON THE GLOBE.

per gross, \$54.00 | No. 2,

per gross, \$100.00

Electric Light Sifter, per gross, \$48.00.

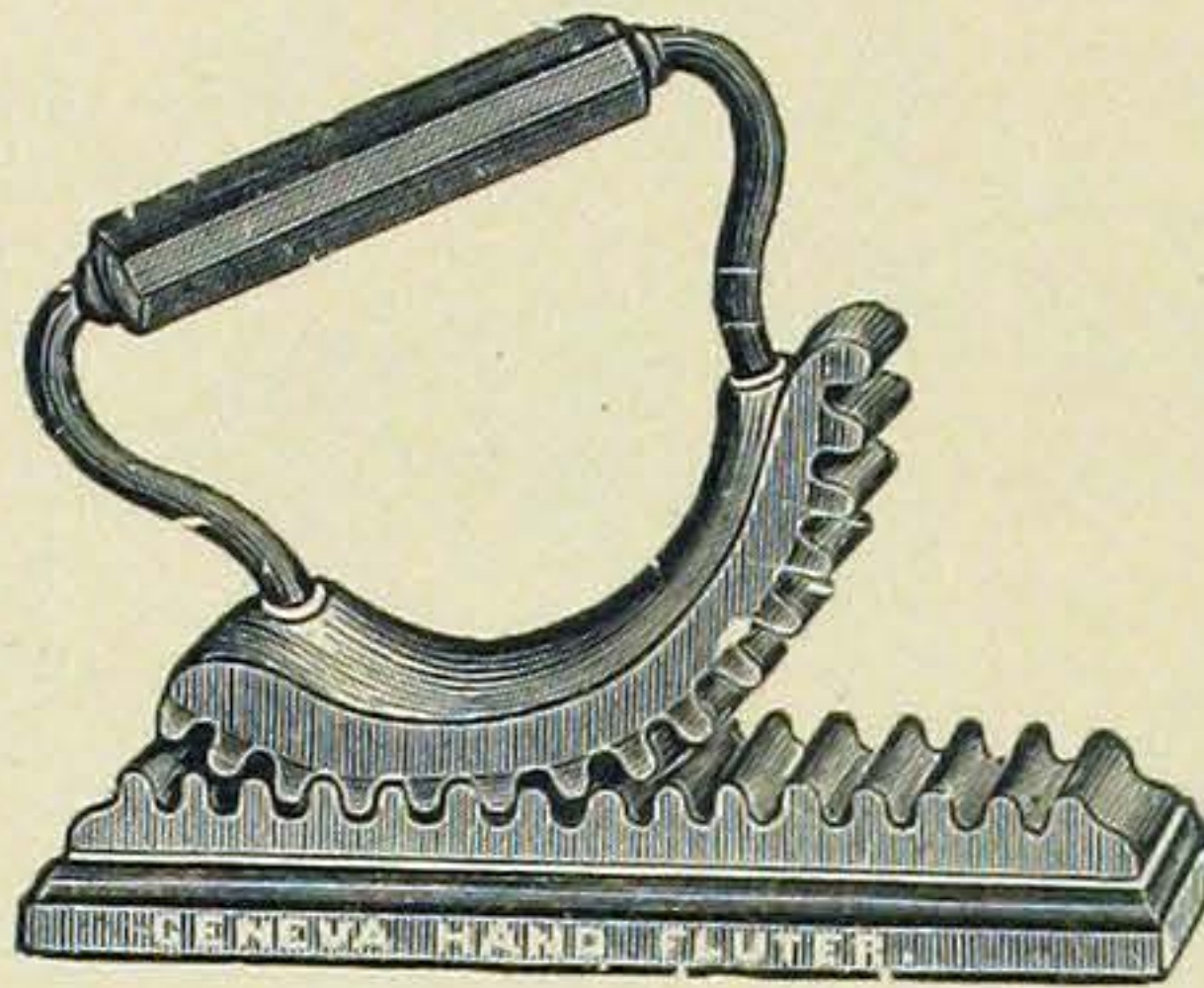
Combined sifter, mixer, scoop, measure, rice washer and strainer.

AGENTS FOR
THE W. H. HOWELL COMPANY,

MANUFACTURERS OF

Fluting Irons, Sad Irons, Polishing Irons, Laundry Irons.

Geneva Hand Fluter.

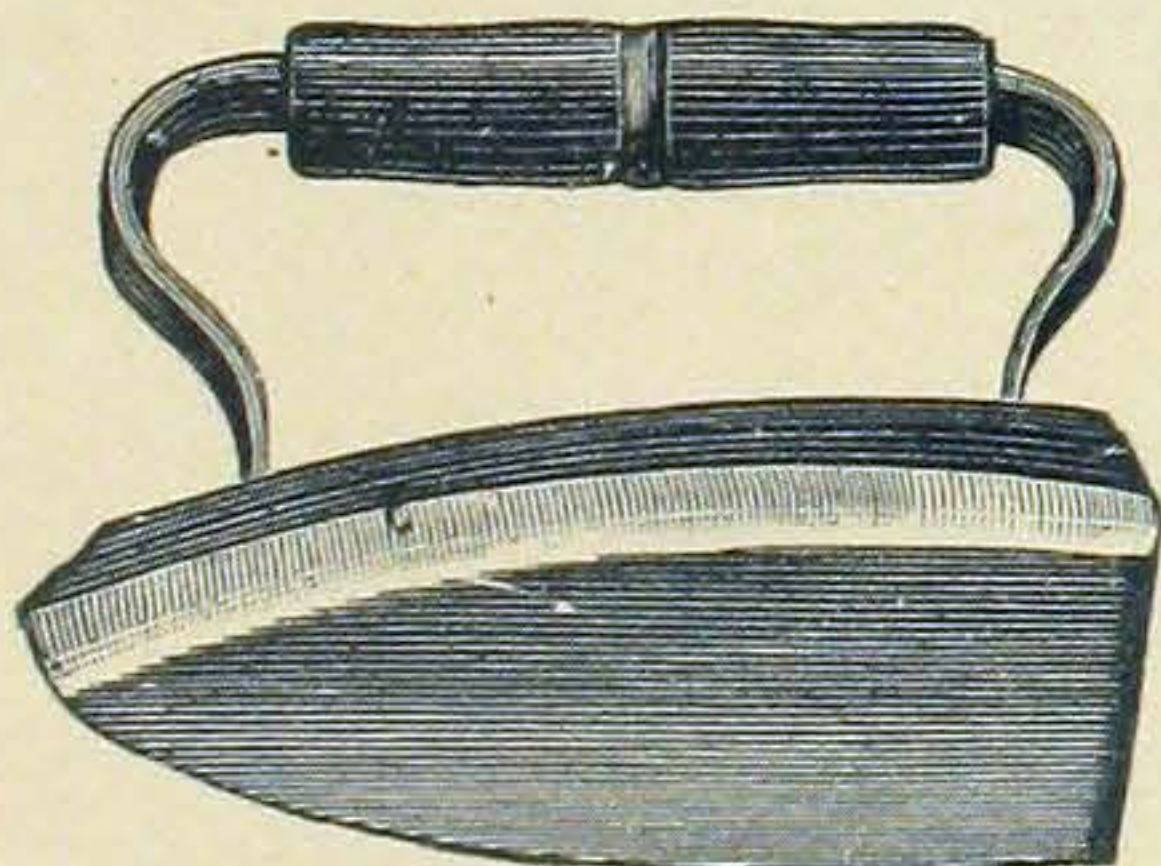


White metal,	per dozen, \$12.00
Brass,	" 18.00
Extra bases, white metal,	" 7.00
Extra tops, "	" 7.00
Extra bases, brass,	" 12.00

Packed $\frac{1}{2}$ dozen in a case.

NICKEL PLATED LAUNDRY IRONS, POLISHING IRONS AND 2 $\frac{1}{2}$ POUND SAD IRONS.

Geneva Laundry Iron.



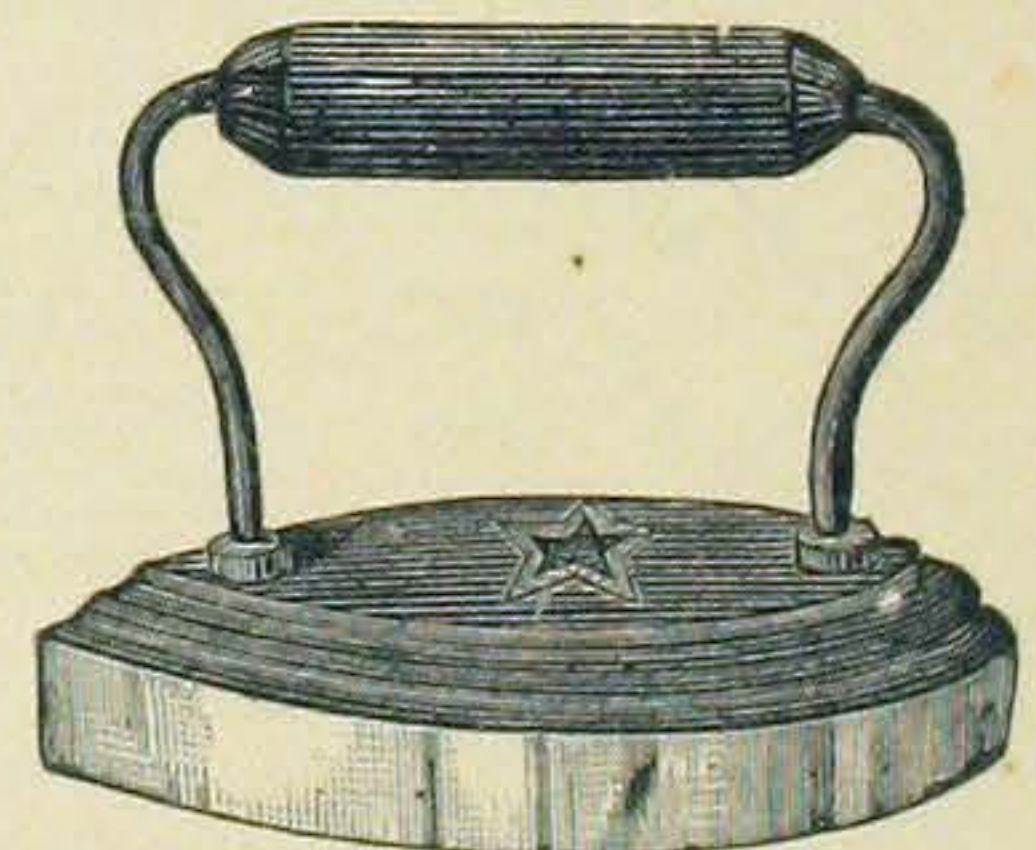
No. 1,	per doz., \$5.50
" 2,	" 6.00

2 $\frac{1}{2}$ Pound Sad Iron.



Per dozen,	\$3.00
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Geneva Polishing Iron.

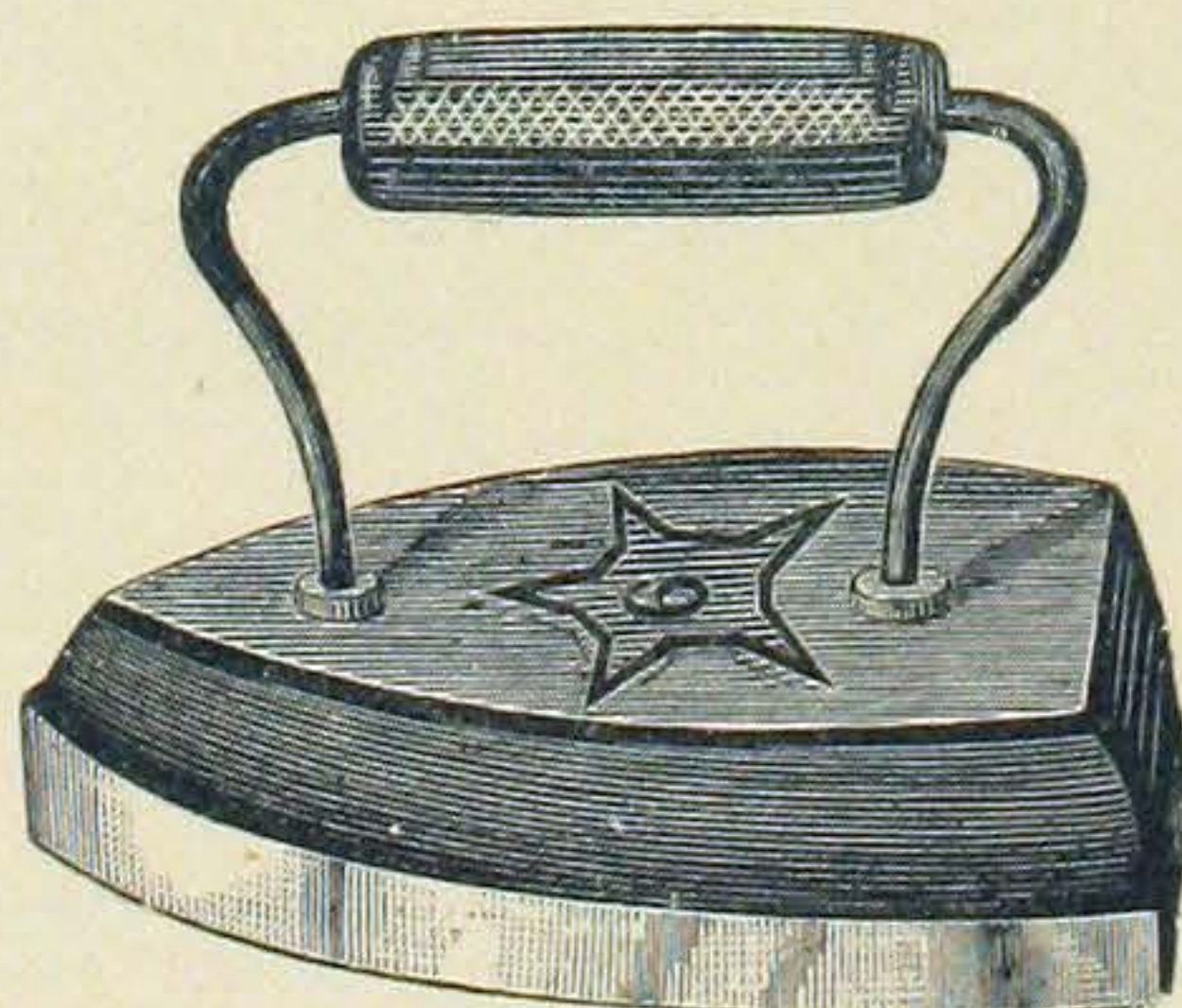


Per dozen,	\$4.00
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Troy Irons.

Per dozen,	\$5.00
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Geneva Sad Irons.



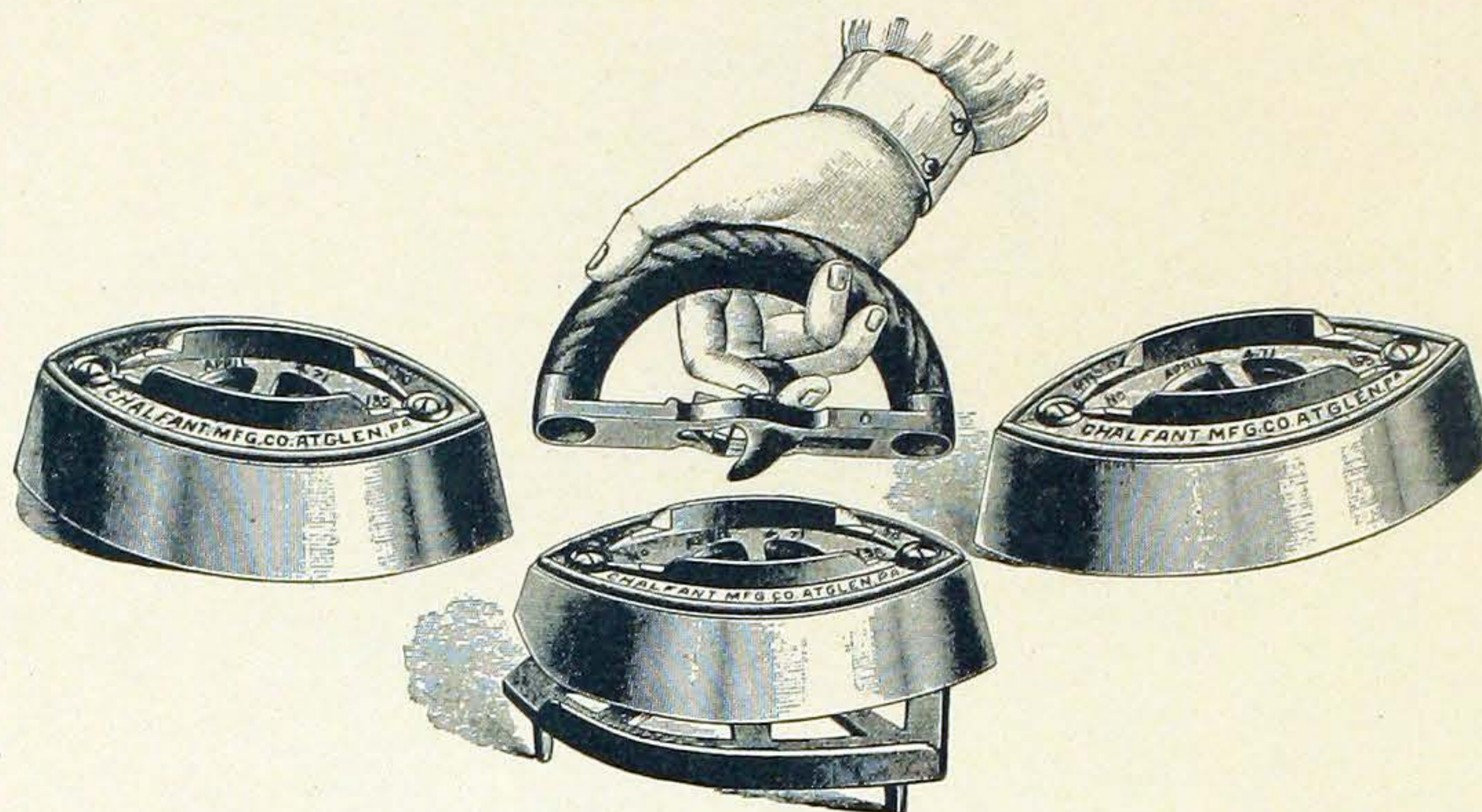
Silver polish,	.05 cents per pound.
Nickel "	.07 " "

AGENTS FOR

THE CHALFANT MANUFACTURING CO.

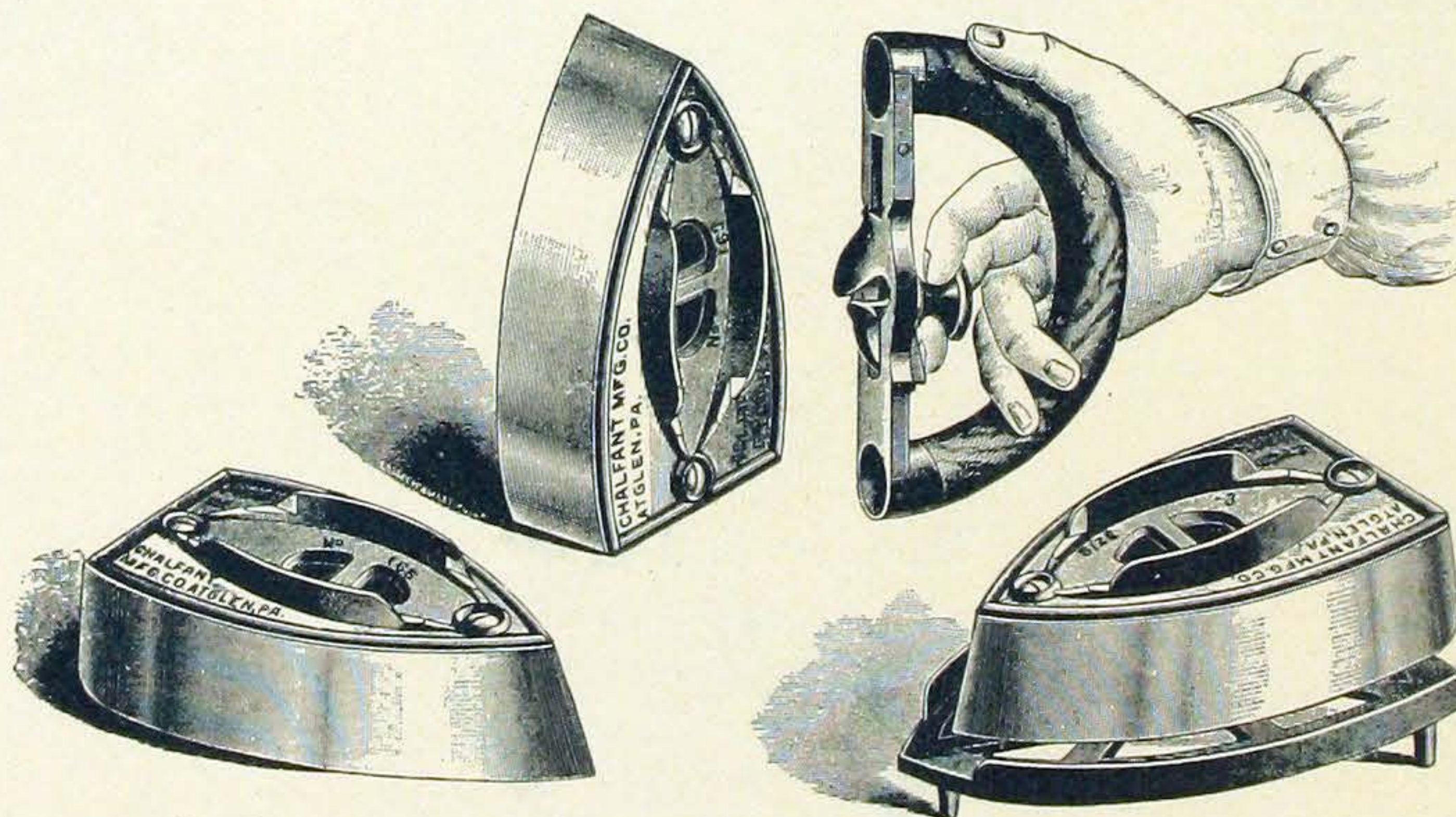
Potts' Cold Handle Double Pointed Sad Irons.

The Chalfant Manufacturing Company are the original manufacturers of the Mrs. Potts' Sad Irons.



No. 150. Nickel plated,	per dozen sets, \$30.00
" 155. Plain polished,	" " 24.00

Potts' Cold Handle Square Back Sad Irons.

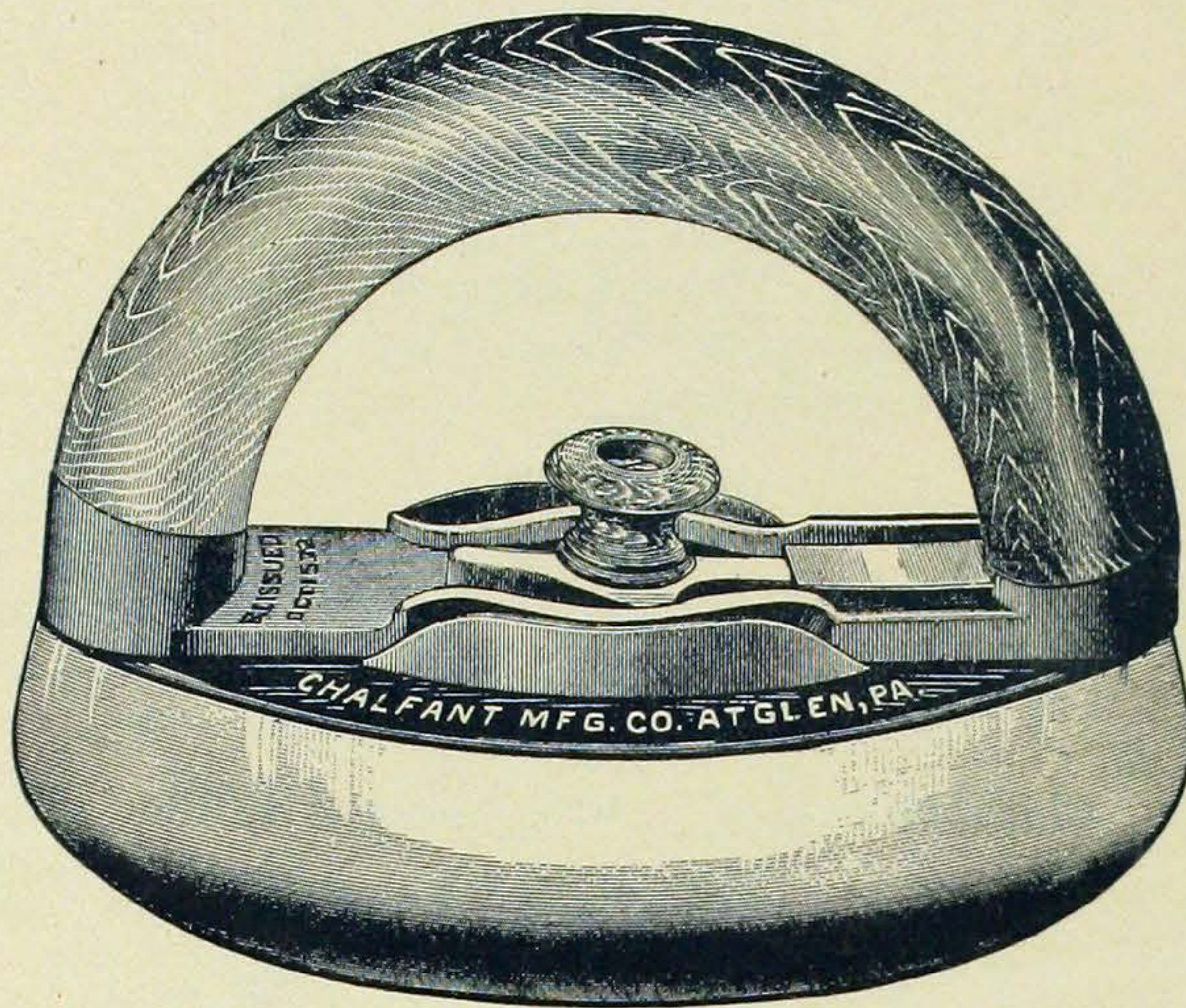


No. 160. Nickel plated,	per dozen sets, \$30.00
" 165. Plain polished,	" " 24.00

Packed half dozen sets in a case.

Extra handles,	per dozen, \$4.00
Extra sad iron stands,	" 1.00

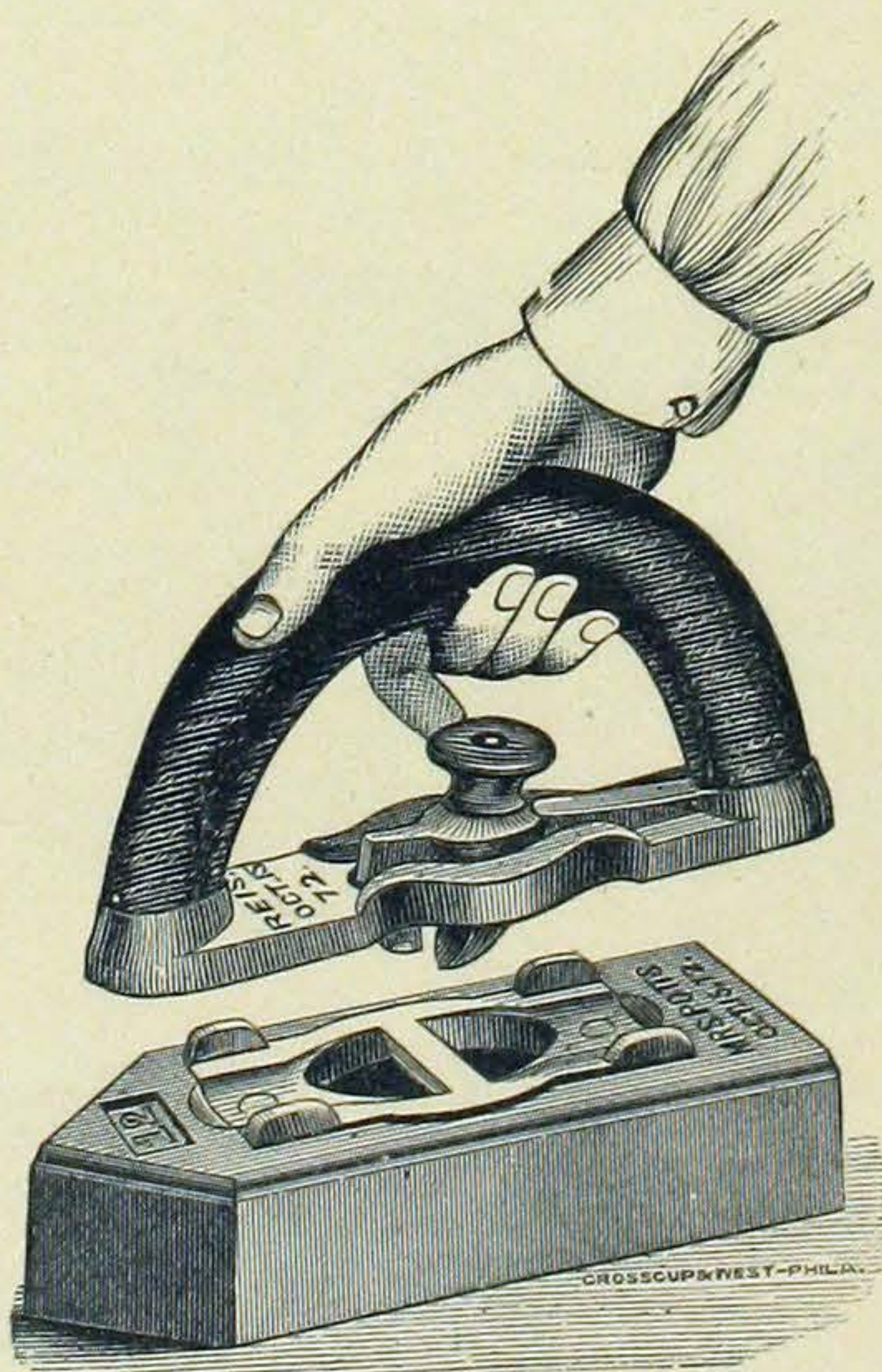
Chinese Cold Handle Double Pointed Polishing Iron.



No. 180.	Nickel plated, weight, $4\frac{1}{2}$ lbs., imitation handles,	per dozen, \$15.00
" 185.	Plain polished, " $4\frac{1}{2}$ " " " " " " " " " "	" 13.00

Packed one or two dozen to case.

Chalfant's Tailors' Irons, with Detachable Handles.



Showing handle detached from iron.

	12 lbs.	18 lbs.	24 lbs.
	each, \$3.00	\$3.50	\$4.00
Polished,			
Extra handles for tailor's irons,			per dozen, \$9.00

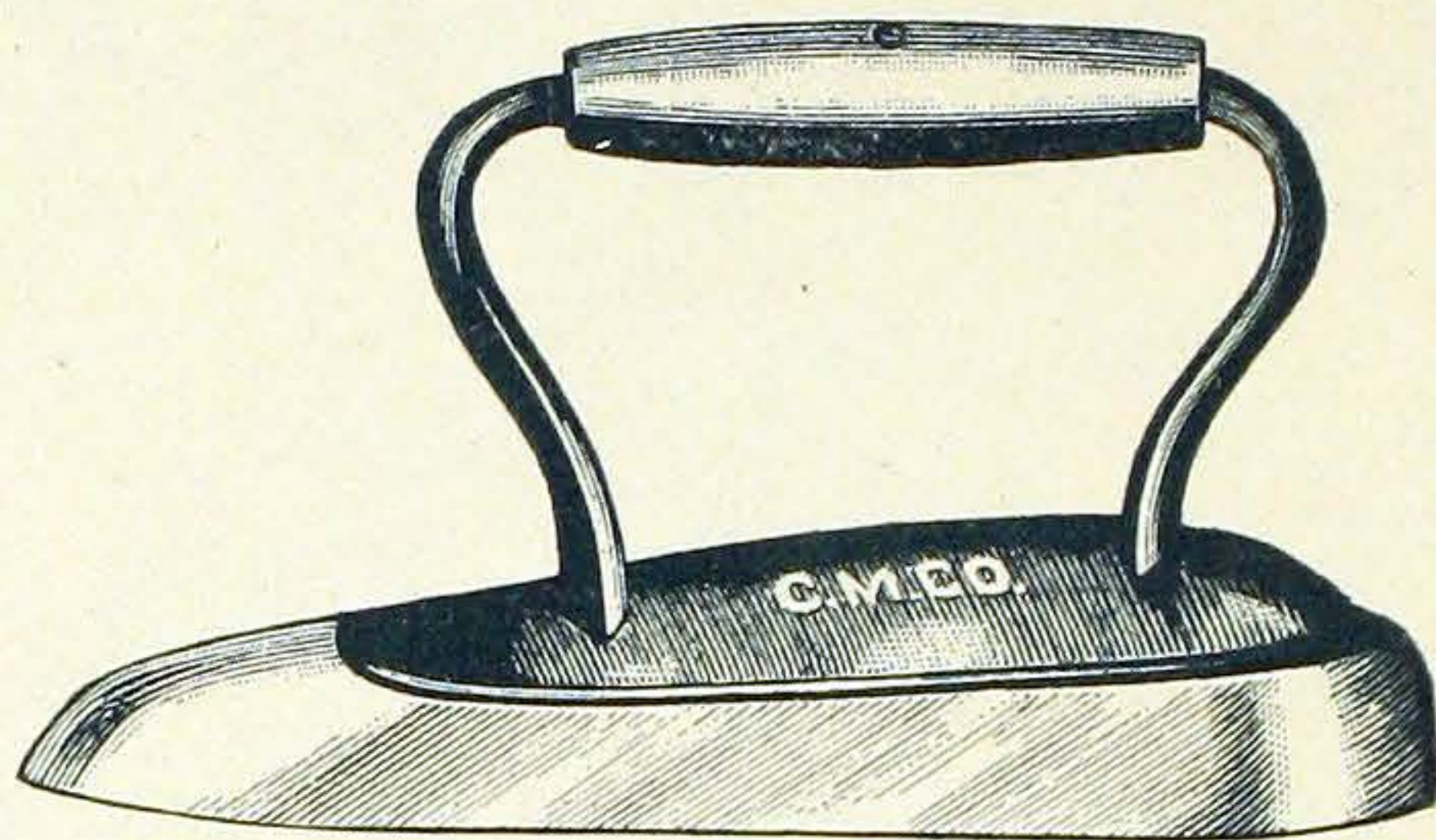
Chalfant's Tailors' Irons, with Iron Handle.



Open Handle.

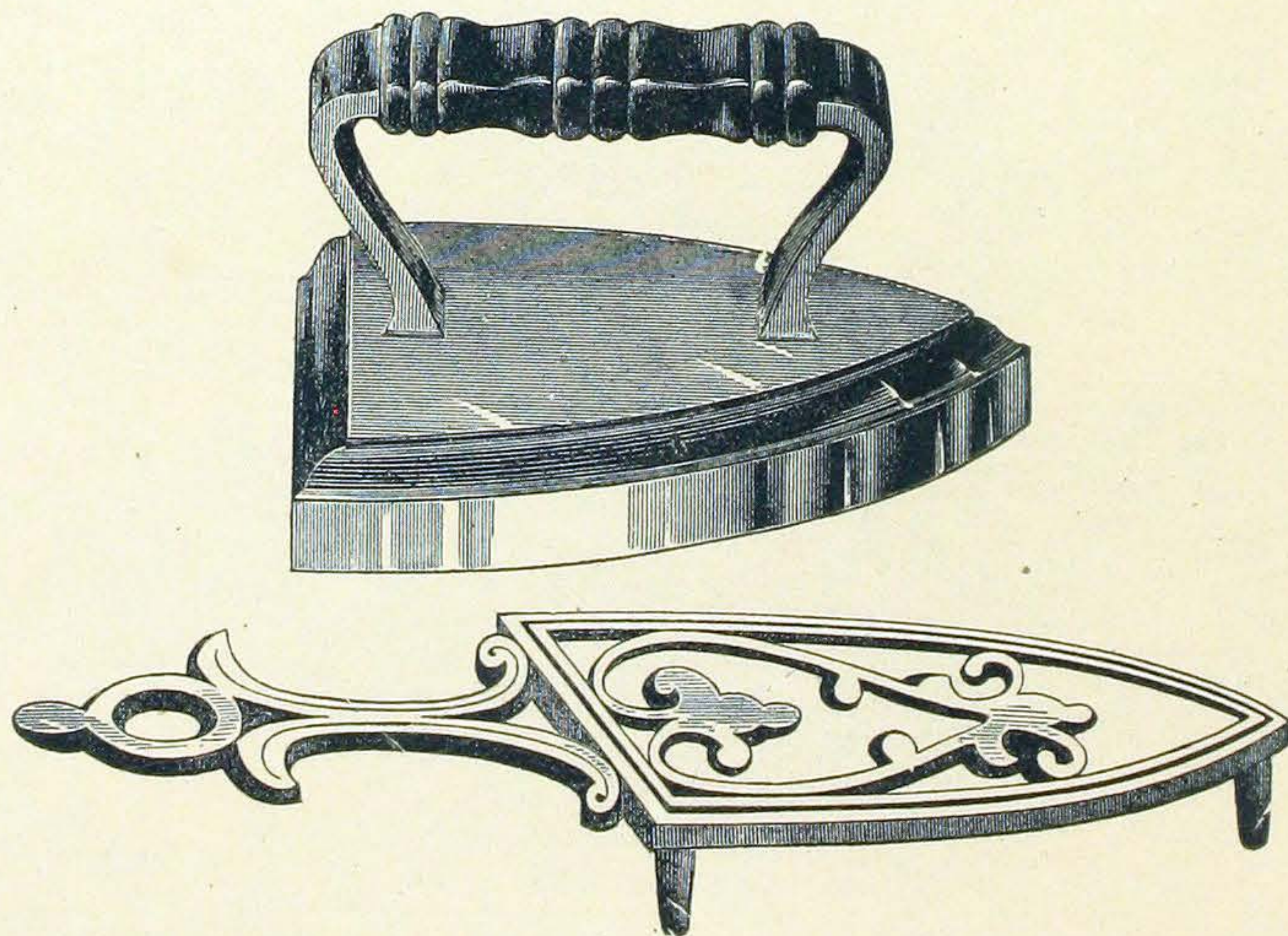
Sizes, 12, 14, 16, 18, 20, 22, 24 lbs. each, per lb., \$0.15

Chalfant's Sleeve and Flounce Iron.



Price per dozen irons, \$5.00

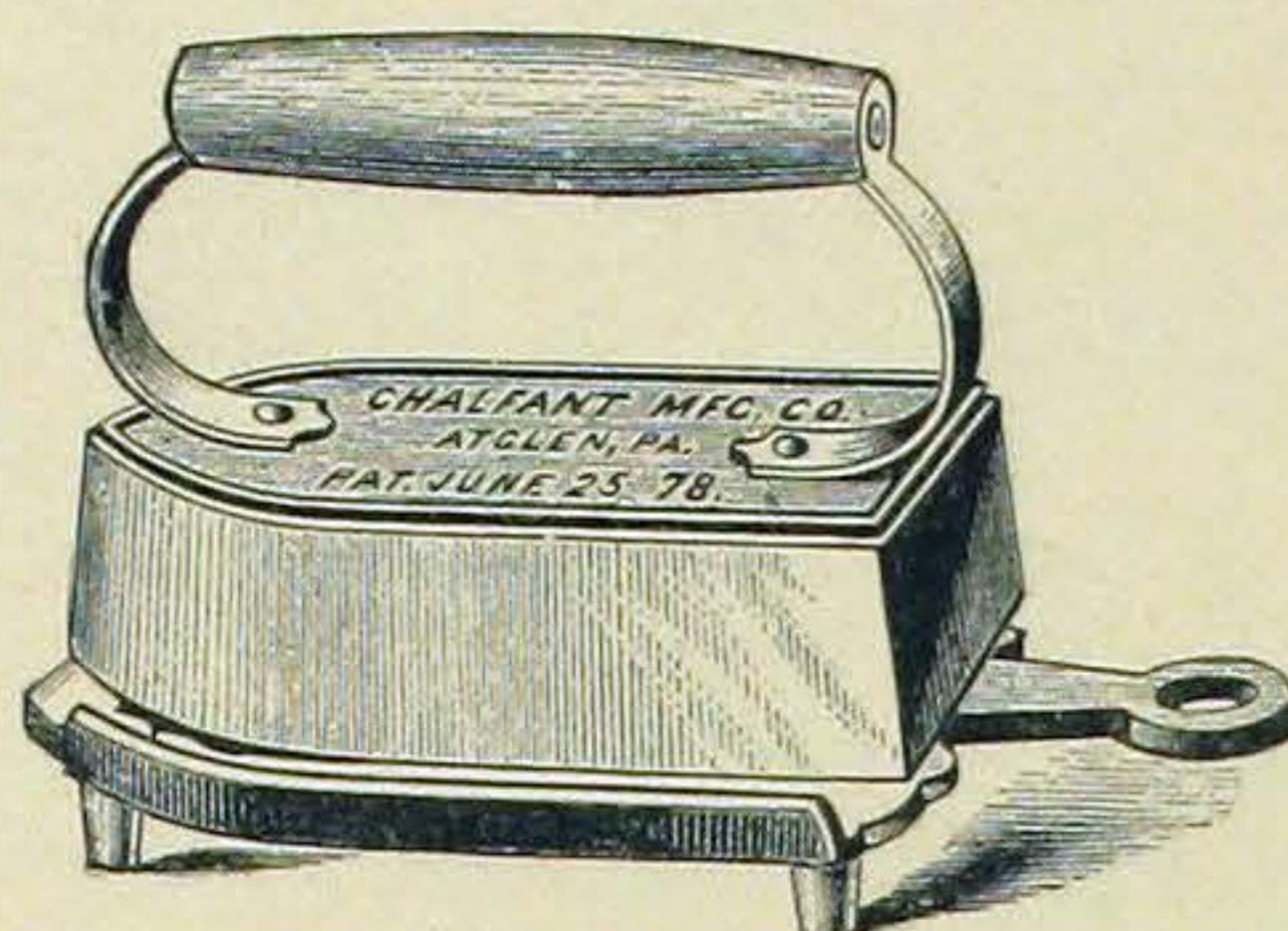
Toy Sad Iron—Extra Heavy.



No. 1.	Heavy toy sad irons and stands,	per gross, \$4.50
" 2.	" " " "	" 6.00
" 4.	" " " "	" 9.00

Chalfant's Patent Toy Sad Iron.

Steel Finished.



No. 20. Steel finished, wooden handle, and stand,

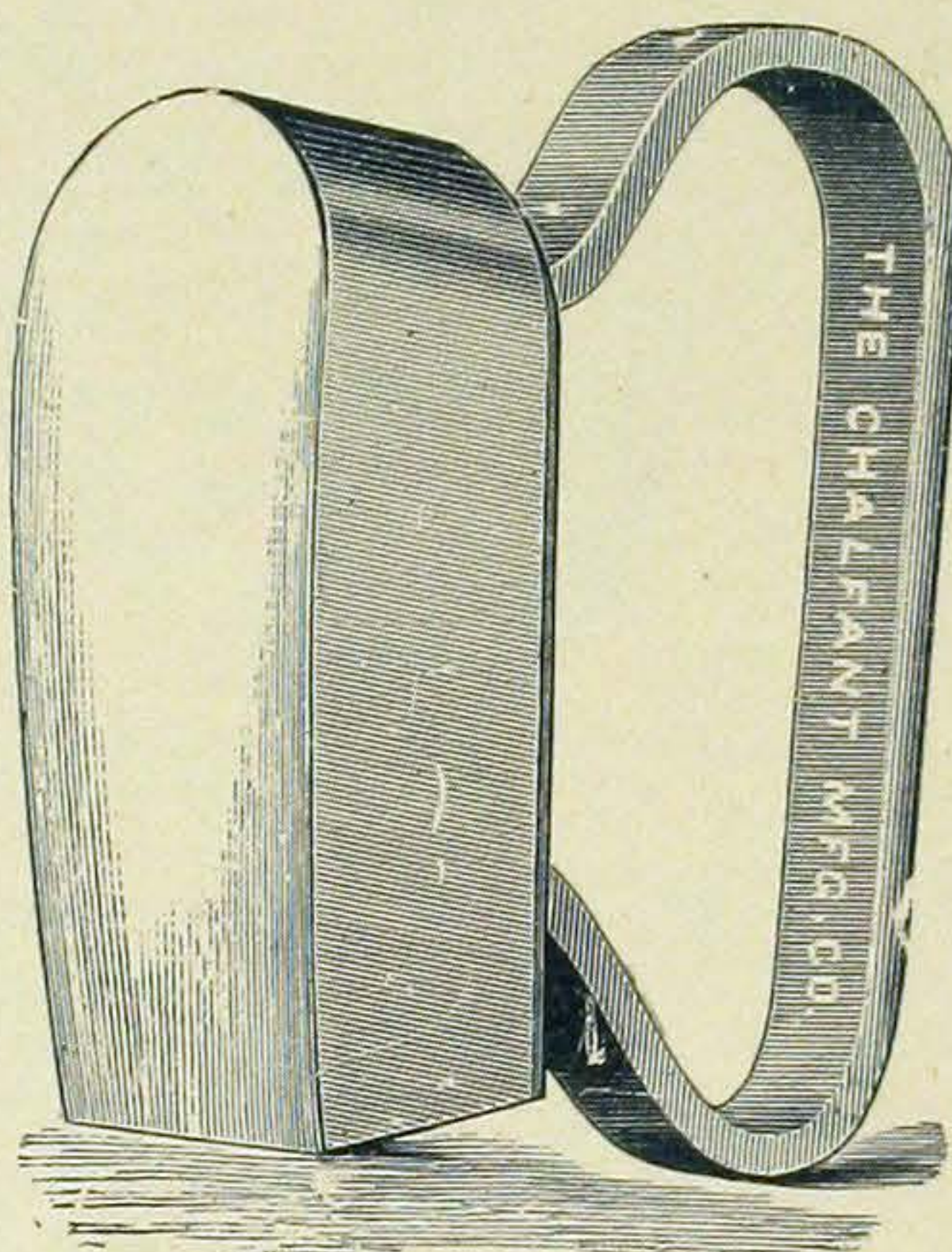
per gross, \$24.00

" 21. Nickel plated,

" 30.00

Packed one dozen in paper box, and one gross in wooden case.

New Improved Troy Polishing Iron.



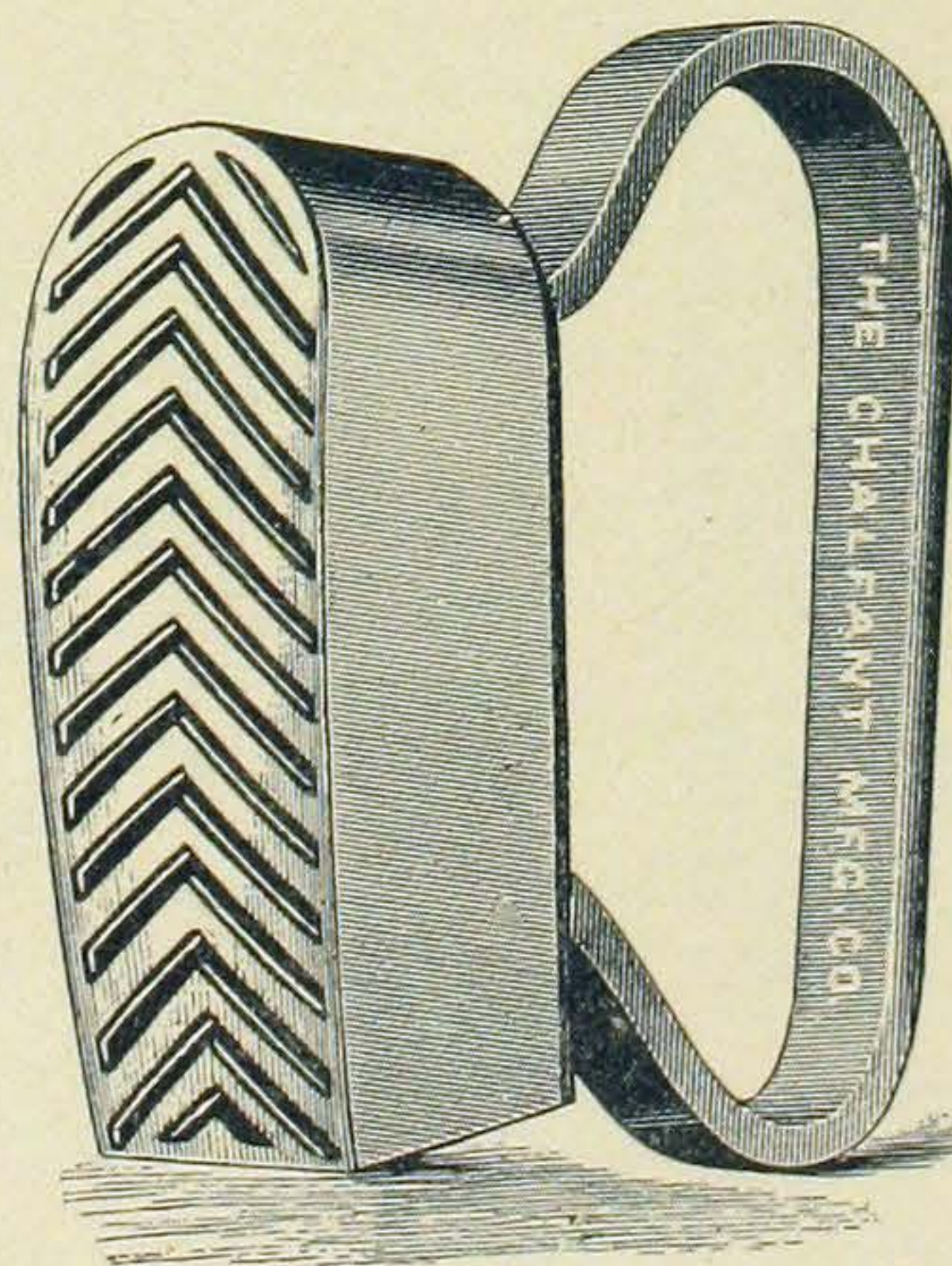
Plain face, polished,
" nickel plated,

per dozen single irons, \$6 00

" " 7.50

Packed three dozen to case.

Grooved Polishing Iron.



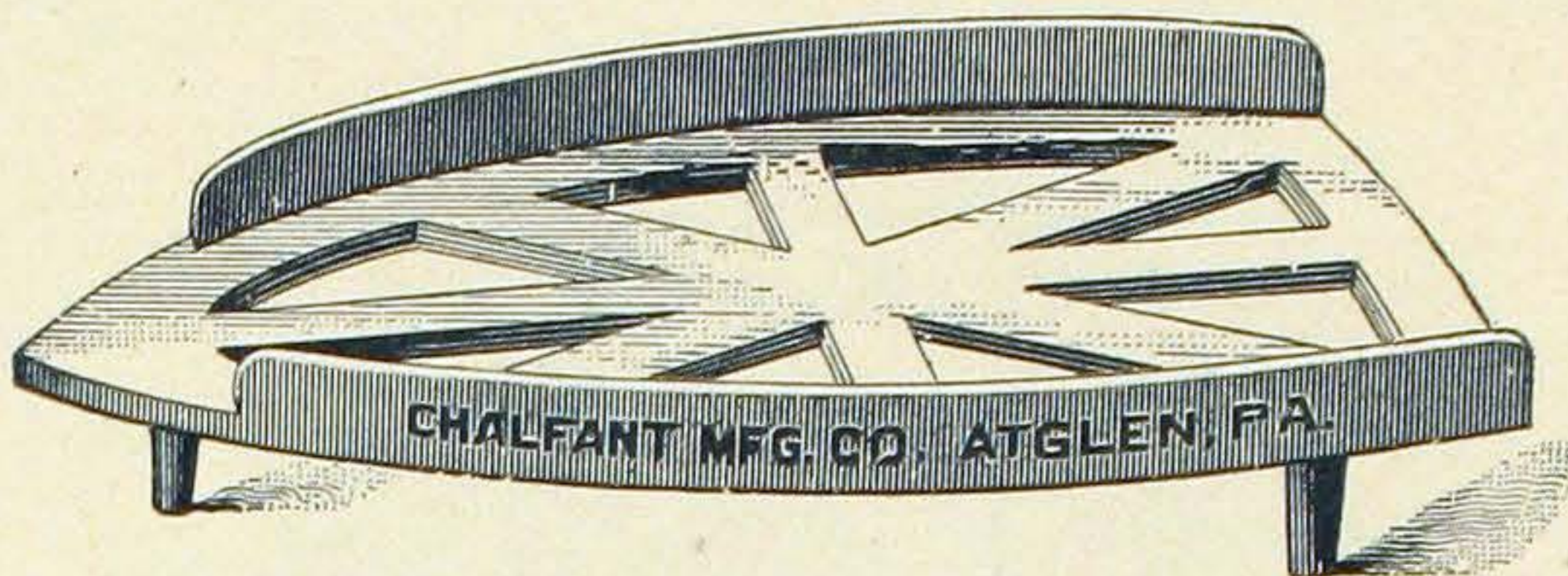
Groove face, polished,
" nickel plated,

per dozen single irons, \$6.00

" " 7.50

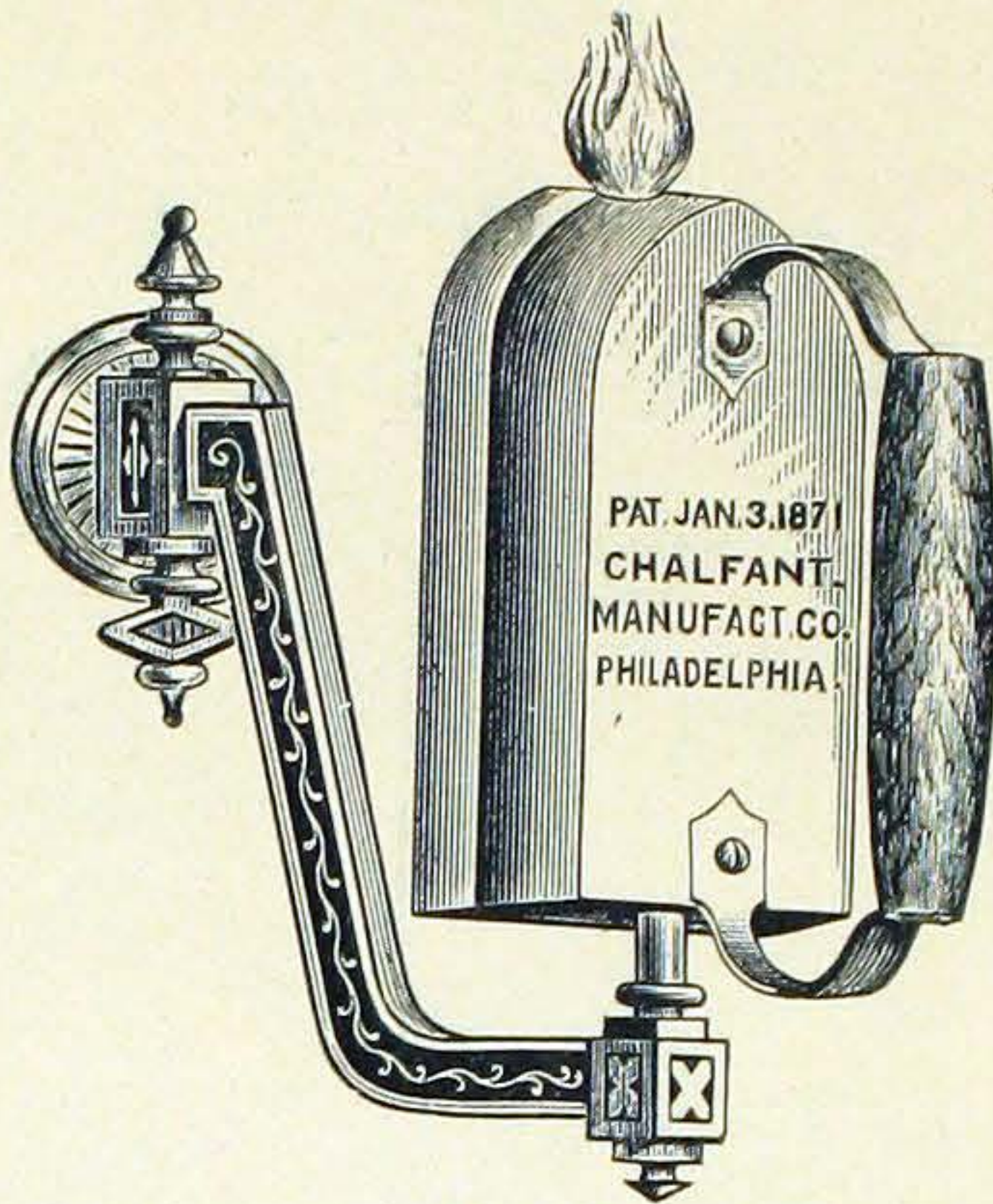
Packed three dozen in a case.

Chalfant's Extra Heavy Sad Iron Stands.



Price, per dozen, \$1.00

Patent Gas Hat Iron.



No. 1.

This iron is designed more particularly for gentlemen's use, being similar in construction to the Hatter's Iron, can be heated in three minutes on an ordinary gas burner, and is especially adapted to ironing hats; weighs about one pound, is nickel plated, highly finished, and with walnut handle. Packed one dozen in box.

No. 1, Gas hat iron, per dozen, \$9.00
 " 2, Ladies gas toilet iron, " 9.00

Large Gas Toilet Iron, for Ladies.

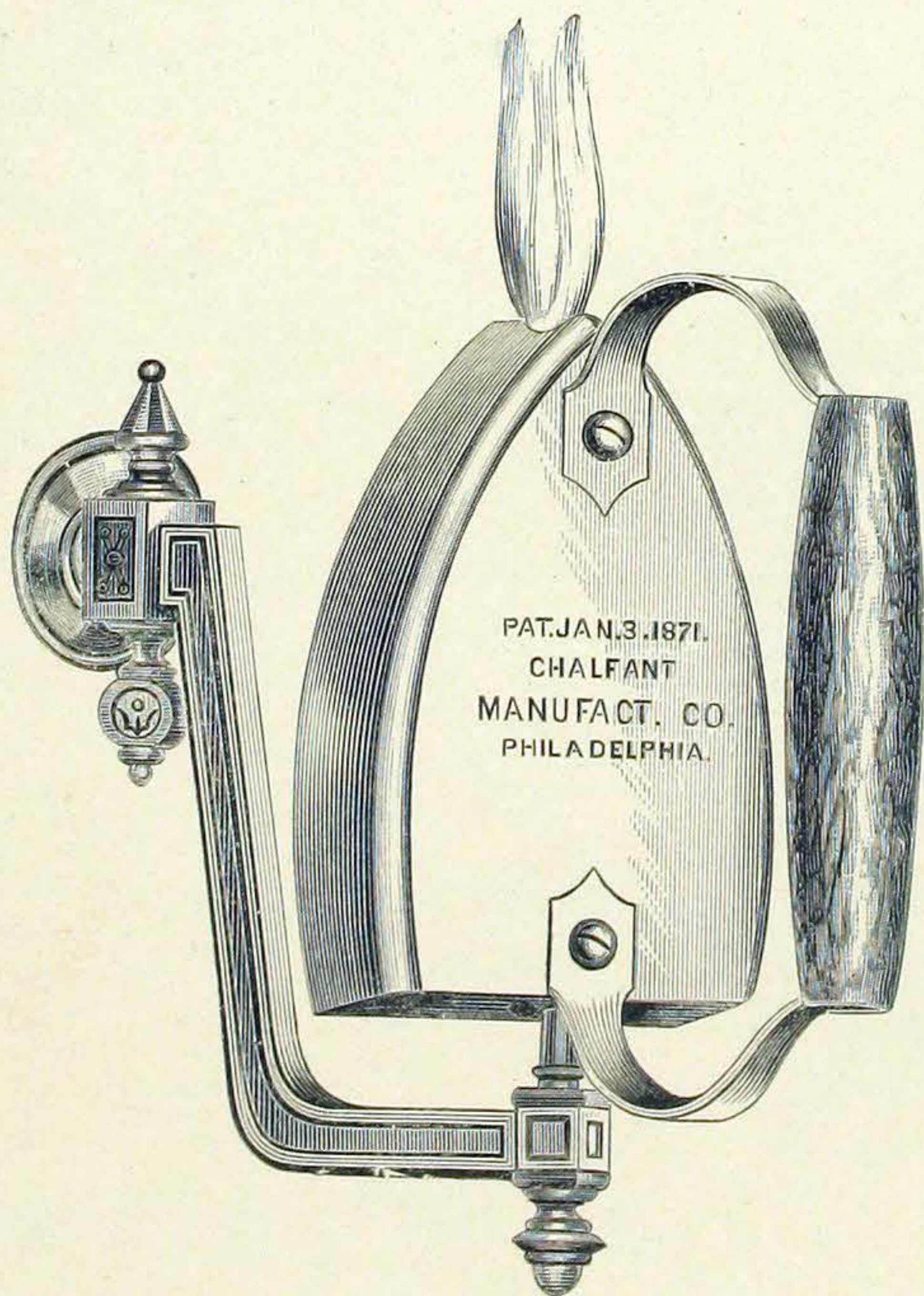
This iron is similar in shape to the ordinary sad iron and intended, like No. 2, for ladies' use, is larger, weighing about two pounds, and permits of greater variety of uses; nickel plated, highly finished, and polished wood handle.

For housekeepers use these irons will be found convenient for fine ironing and polishing, doing the same work as the clumsy laundry iron, and saving a great amount of time

Milliners and dressmakers find this iron indispensable—ready for use in three minutes, saving time and expense.

Per dozen, \$15.00

Packed $\frac{1}{2}$ dozen in box.



No. 3.

AGENTS FOR
AMERICAN MACHINE CO.



Sizes,	2 qt.	3 qt.	4 qt.	6 qt.	8 qt.	10 qt.	14 qt.
Prices,	\$3.75	4.50	5.50	7.00	9.00	11.00	14.00

SOME REASONS WHY
WE CLAIM

The Gem Freezer
The Best in the World.

The Pail of the "Gem" Freezer is made of Best Quality White Cedar.

Will not shrink, is tougher and stronger than white pine, of which the pails of nearly all other freezers are made.

The Gearing of the "Gem" is Completely Covered.

No ice or salt can get between the cogs and choke or break them, nor can the hand or fingers become injured by being caught in the gearing. In other freezers the gearing is exposed, and accidents as those pointed out are liable to happen thereby.

The "Gem" Freezer is Double Action.

The can moves in one direction while the stirrer is moved in opposite direction, beating up the mixture in the can. No freezer now made has more than two motions, and although some manufacturers claim to have more, it can be easily shown that such is not the case.

The "Gem" has a Self-Adjusting Wooden Scraper

attached to the stirrer which, as it turns, scrapes all the frozen particles from the side of the can as quickly as formed, allowing the unfrozen liquid to come to the side.

The Stirrer in the "Gem" can be taken out of the Can and the latter still be Revolved.

An important feature in preparing frozen fruits, etc., and not found in most freezers.

The Iron Work of the "Gem" is Thickly and Smoothly Galvanized.

The Cans of the "Gem" are all made of Heavy Tin,

and with the stirrer in are guaranteed to hold the full measure of quarts indicated by their size number.

The Ice Space of the "Gem"

has been arranged to use the smallest possible amount of ice - an important consideration in some parts of the country where ice is expensive. With this ice space the finest ice cream has been frozen repeatedly in public in 8 minutes in 4 quart size and 10½ minutes in 8 quart size.

The various parts of the "Gem" Freezer are much more simple to put together than in any other freezer and require but one catch to lock everything together ready for use.

The Weight of the "Gem"

is less than of the corresponding sizes of other freezers; hence a convenience in use, and costs less for freight.

Wrapping: The "Gem" Freezer is entirely Wrapped in Heavy Paper

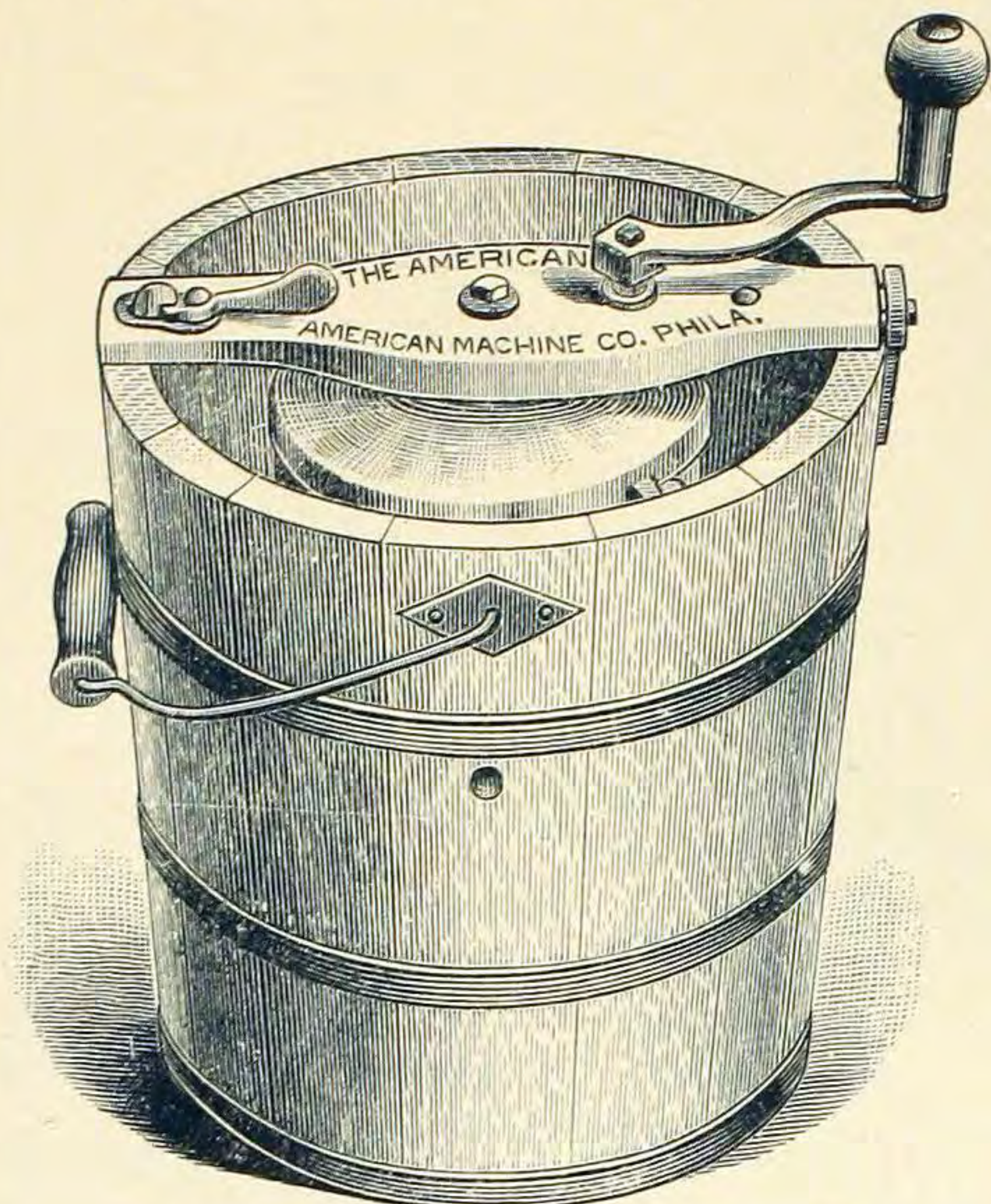
and attractively labelled. The wrapper leaves no part of the freezer exposed, enabling them to be kept perfectly clean in transportation and in store. Recipe Book is packed in each freezer. This book, *Dainty Dishes for All the Year Round*, contains one hundred and twenty recipes for all kinds of ice creams, sherbets, water ices, frozen desserts, etc., written by Mrs. S. T. Rorer, Principal of Philadelphia Cooking School and Editor of *Table Talk*. Nothing to compare with this is furnished with other freezers.

In short, the "Gem" Freezer is the simplest, neatest, most convenient and satisfactory for family use, and the cheapest of all Ice Cream Freezers of established reputation. Its constantly increasing sale attests this and calls for your careful consideration if you want the BEST Freezer made. Be sure you get no other than the "Gem." Each freezer is now labelled in red, both on the tub and on the wrapper, thus:—

The Gem Freezer
The Best in the World.

The Chief Merits We Claim for all Our Make of Freezers.

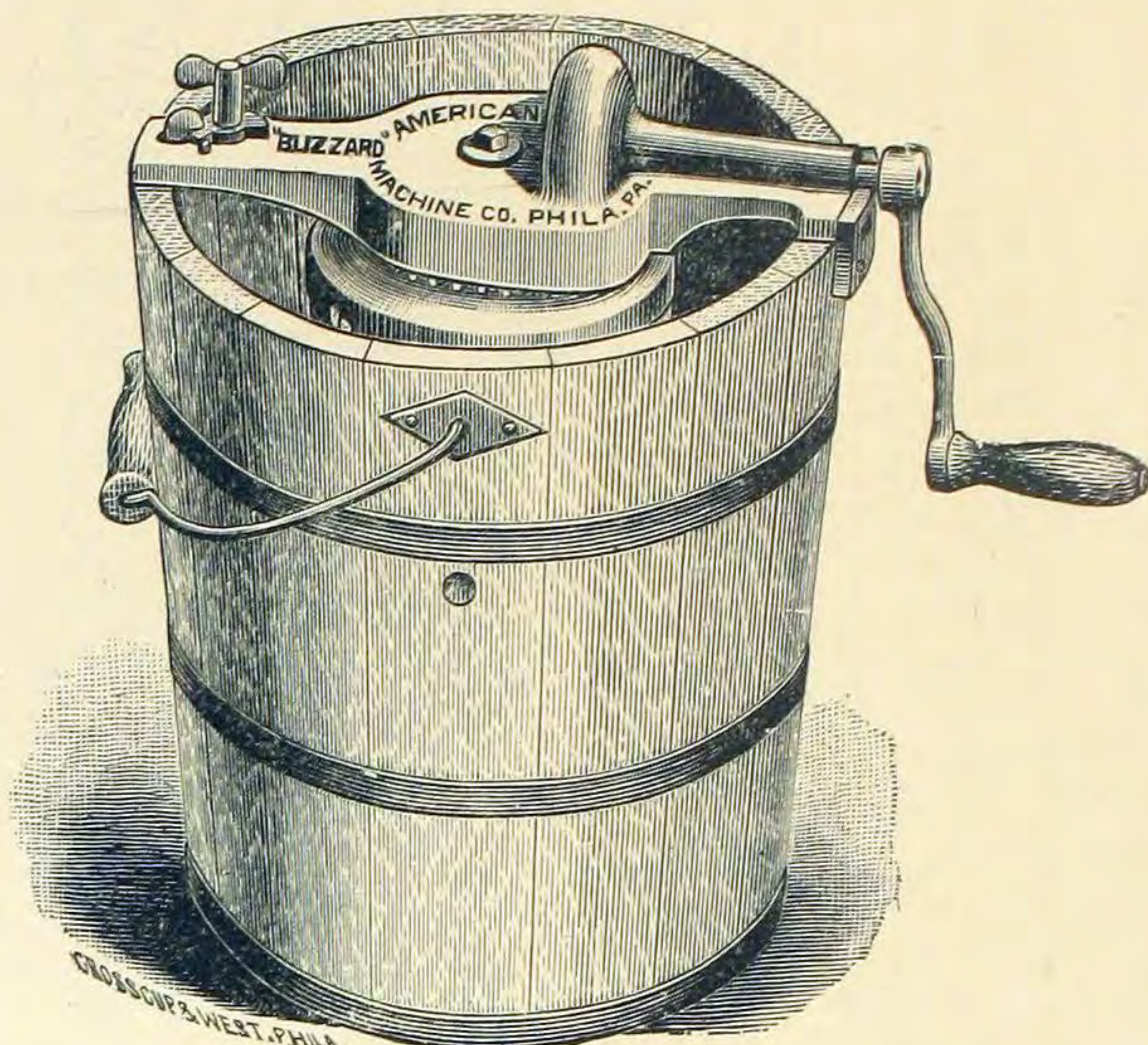
A strong pail, made of best quality cedar, bound with galvanized iron hoops. Complete covering of all gearing, so that nothing can get between the cogs. The can may be revolved to harden contents after the stirrer has been removed; very necessary in the preparation of fruit ices and frozen fruits. The cross-bar so arranged in its place as to give greatest facility for packing the ice and salt. A self-adjusting scraper. All workmanship and material of the best quality. Each Freezer is wrapped up in heavy paper, to protect it from dirt and dust, with an attractive colored label on outside of package.



The "American"—Single Action.

Has all the advantages of higher priced freezers, except that crank is on top instead of on the side. It is the only low priced freezer of established reputation in the market.

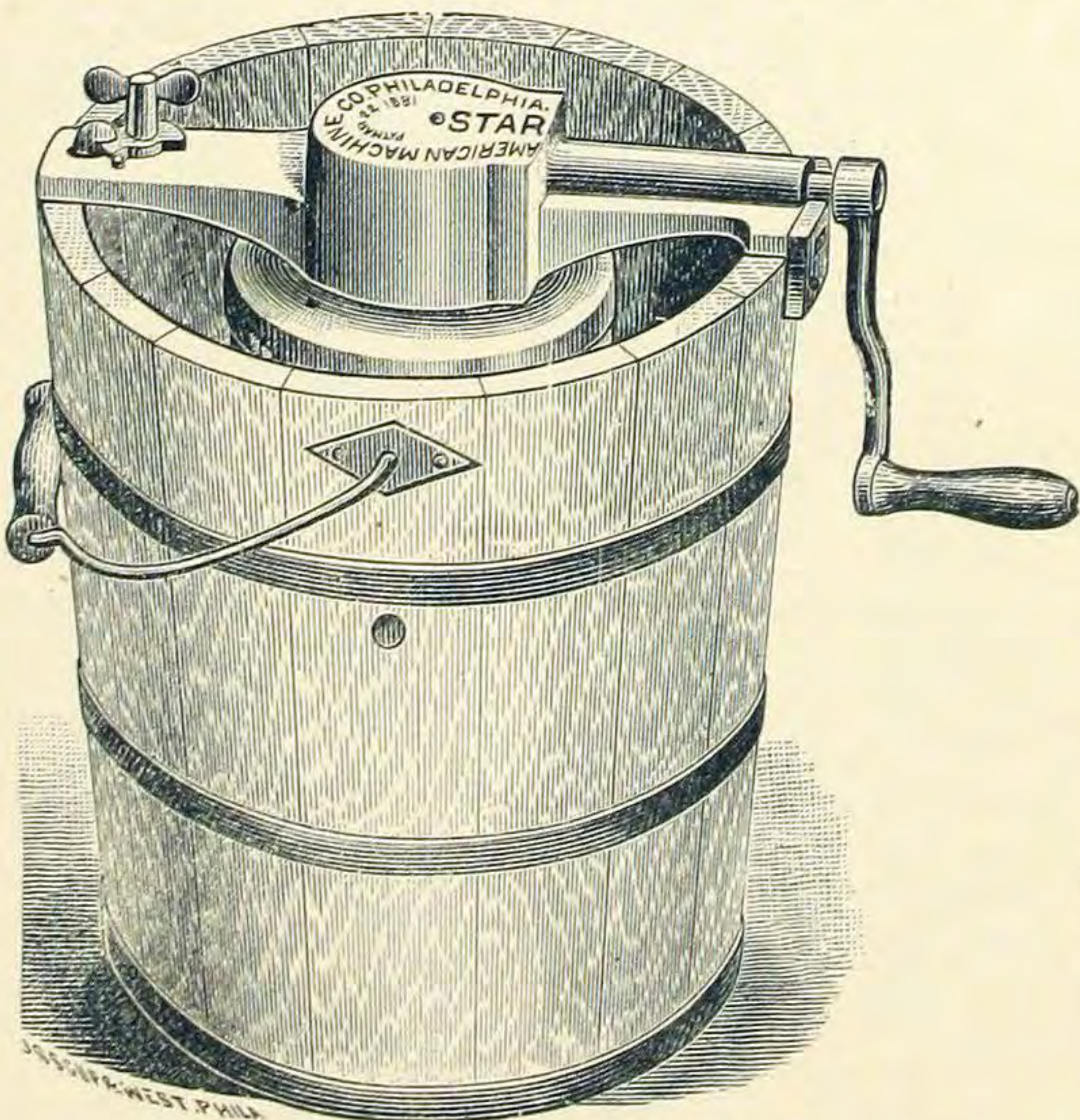
Sizes,	1 qt.	2 qt.	3 qt.	4 qt.	6 qt.
Prices,	\$2.35	2.75	3.25	3.75	5.00



The "Blizzard"—Single Action.

Is the same as our "Gem" freezer except that it is single action. It has the same small ice space, and every other advantage.

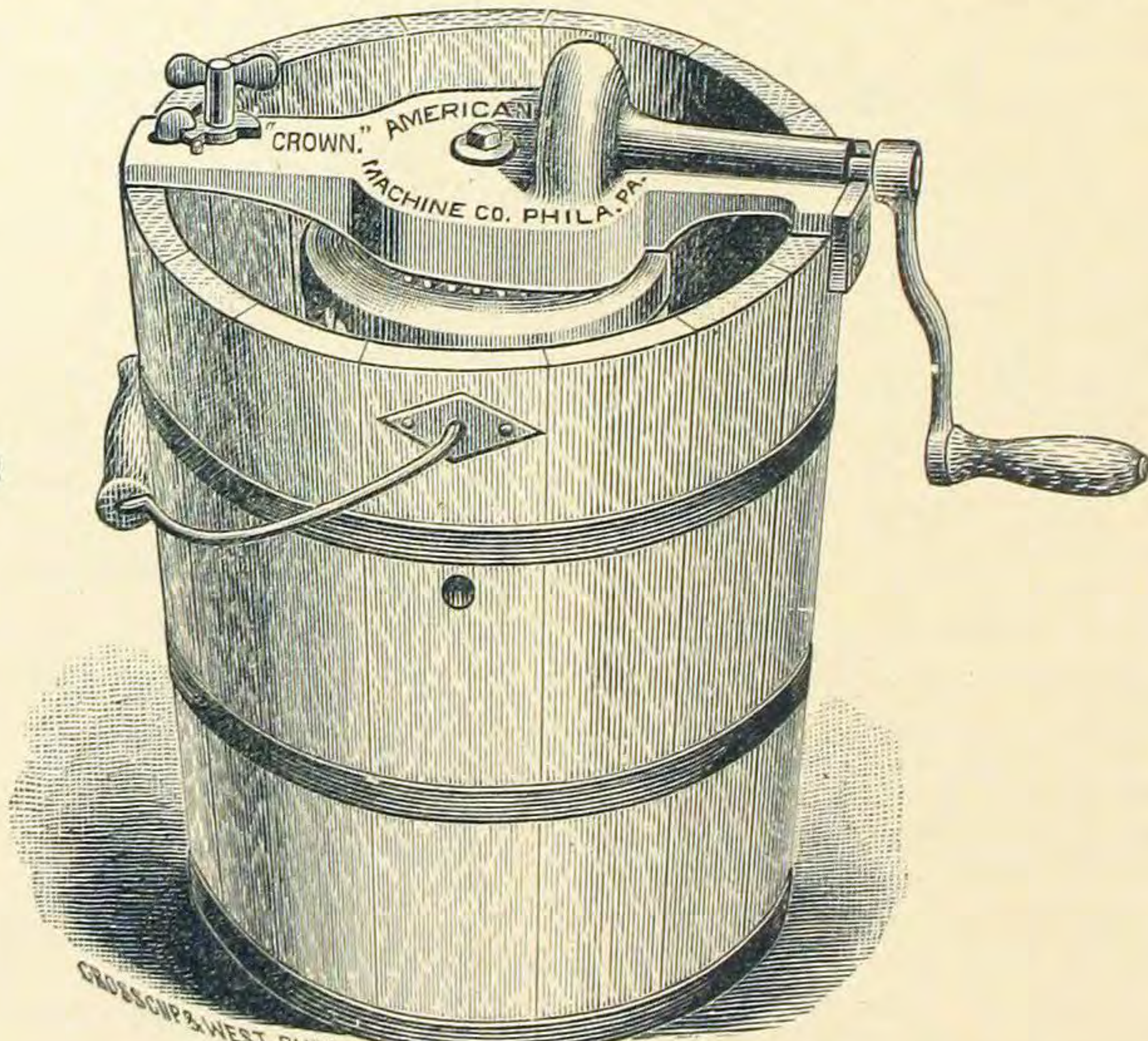
Sizes,	2 qt.	3 qt.	4 qt.	6 qt.	8 qt.	10 qt.	14 qt.
Prices,	\$3.75	4.50	5.50	7.00	9.00	11.00	14.00



The "Star"—Double Action.

Constructed on the same principal as the "Gem," but is heavier and stronger. It differs from the "Crown" only in being double acting—that is, the can and stirrer both revolving in opposite directions.

Sizes,	1 qt.	2 qt.	3 qt.	4 qt.	6 qt.	8 qt.	10 qt.	14 qt.
Prices,	\$3.00	3.75	4.50	5.50	7.00	9.00	11.00	14.00



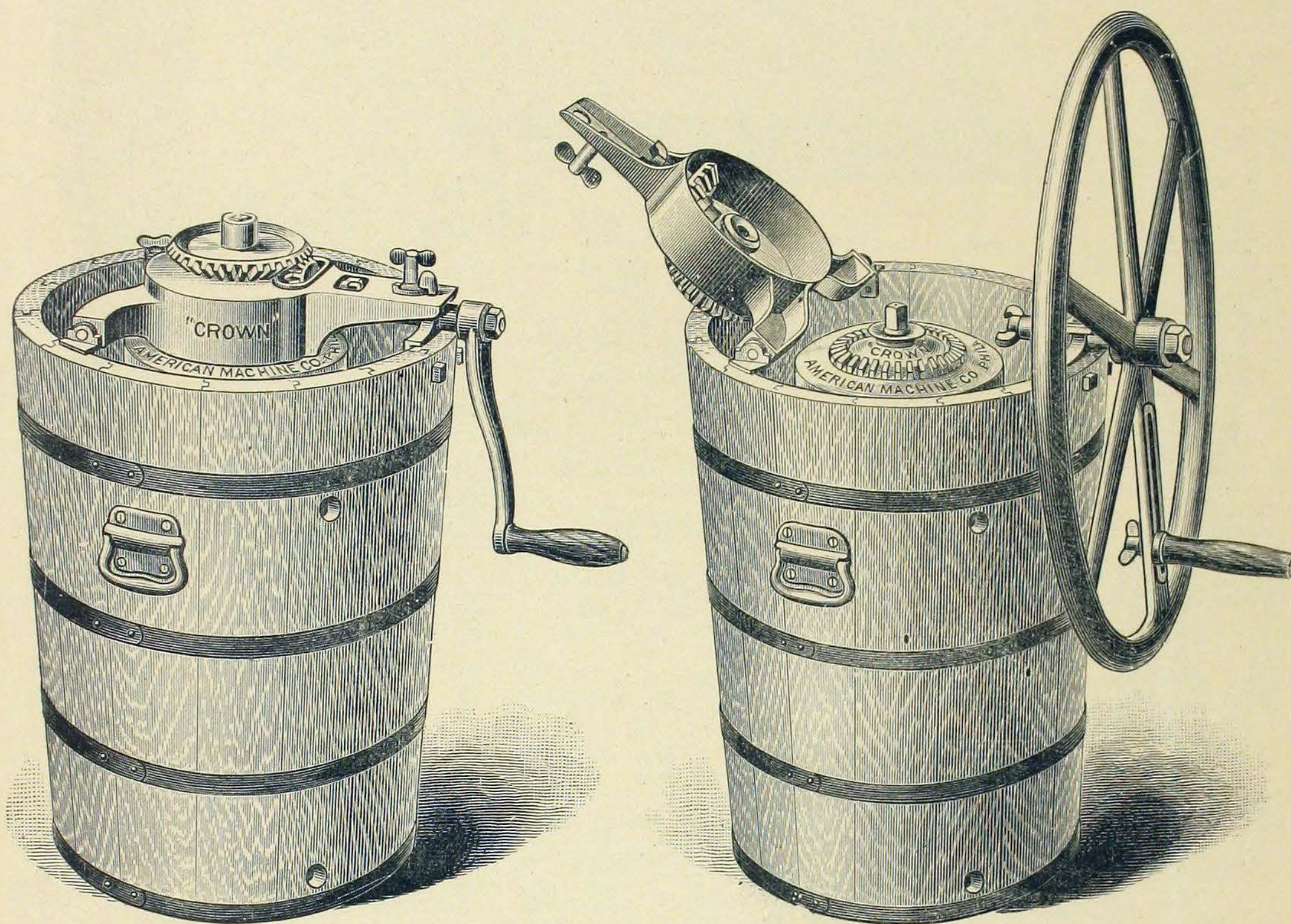
The "Crown"—Single Action.

Our original style Freezer. Heavy and strong, with larger ice space than our "Gem," and therefore a little higher in price.

Sizes,	1 qt.	2 qt.	3 qt.	4 qt.	6 qt.	8 qt.	10 qt.	14 qt.
Prices,	\$3.00	3.75	4.50	5.50	7.00	9.00	11.00	14.00

THE CROWN ICE CREAM FREEZER, DOUBLE ACTION.

Specially adapted to the needs of Boarding Houses, Hotels, Confectioners, Etc., Etc.



Is recommended with confidence as equal to the best Freezers in the market, with some meritorious advantages not found in others. Prominent among which we mention:

The Tub is made strong and heavy and of best quality Cedar, bound with Galvanized Iron Hoops.

The Cross-bar is arranged to swing up on one side of Tub to remove Can, while the fly-wheel remains stationary on opposite side of Tub, and does not require to be lifted with Bar, as in other makes of Freezers.

The Gear Shaft and Fly-wheel Shaft are connected by means of a Clutch, which engages and disengages by simply raising or lowering the Cross-bar.

The Can can be revolved to harden Cream after Stirrer has been removed.

The Cross-bar is arranged to give the greatest facility for packing ice.

The Can and Stirrer both revolve, but in opposite directions.

The Scraper is Self-adjusting.

The Workmanship and Material are of the very best.

Sizes,	8-qt.	10-qt.	14-qt.	18-qt.	24-qt.	32-qt.
With Crank,	\$10.50	\$13.00	\$16.50	\$21.00	\$25.00	—
With Fly-wheel,	13.00	16.00	20.00	25.00	30.00	37.50

Each Freezer is wrapped up in heavy paper to protect it from dirt and dust, and an attractive label in colors put on outside of package.



The "Gem" Ice Shave

is a simple and handy tool for shaving and collecting ice from blocks without removing the latter from the refrigerator or ice chest, and is the only tool of the kind in the market.

As shown in cut, it is constructed like an ordinary plane, made of galvanized cast iron, with a knife adjustable to shaving fine or coarse. In front of the knife is a receptacle about the size of a tumbler, closed by a lid, in which the shaved ice collects when the tool is pushed forward and backward on a block of ice. When filled, the lid is raised and contents emptied, which will be found as fine as snow. The tool is quite short and of convenient size to fit the hand, and can be used on any size piece of ice as it lays in a refrigerator. Shaved ice is desirable for a great variety of purposes, such as

- For use in sick rooms—dissolving quickly in the mouth.
- Making ice poultices—being fine it perfectly fits the parts to which applied.
- For cooling oysters on half shell.
- For cooling water, wines or other liquids.
- For making lemonade or iced drinks of any kind.
- For use at soda fountains.

Anyone who has tried to get a small quantity of fine ice by using an ordinary ice pick and without taking the block of ice out of the ice chest can readily appreciate the usefulness of the Gem Ice Shave. Saves time, labor, refrigerator, ice and patience.

Price, per dozen, \$6.00

Packed in one and three dozen cases.



(HALF SIZE.)

THE "STAR" ICE CHIPPER.

Price, . . per doz., \$3.00

Packed 1 doz. and 3 doz.
in a case.

The "Crown" Ice Chipper.

It is a simple, effective and cheap tool for chipping ice. It is a well known fact that in making ice cream or water ice the ice must be mixed with salt in order to produce a freezing action, and the smaller and more uniform the pieces are, the quicker the freezing goes on, and the less ice is consumed in the process.

By the use of the "CROWN" ICE CHIPPER, the ice is chipped into small and nearly uniform pieces, the guard projecting beyond the serrated cutting edge of the knife, making it impossible to cut off thicker pieces than the space between them. Only a few minutes time is required to reduce a 15 to 20 pound block of ice into small pieces.

The tool is also highly recommended for use at bars, soda fountains, etc., or wherever fine ice is desirable for cooling purposes.

Price, per dozen, \$6.00

Packed one doz. and three doz. in a case.



(HALF SIZE.)

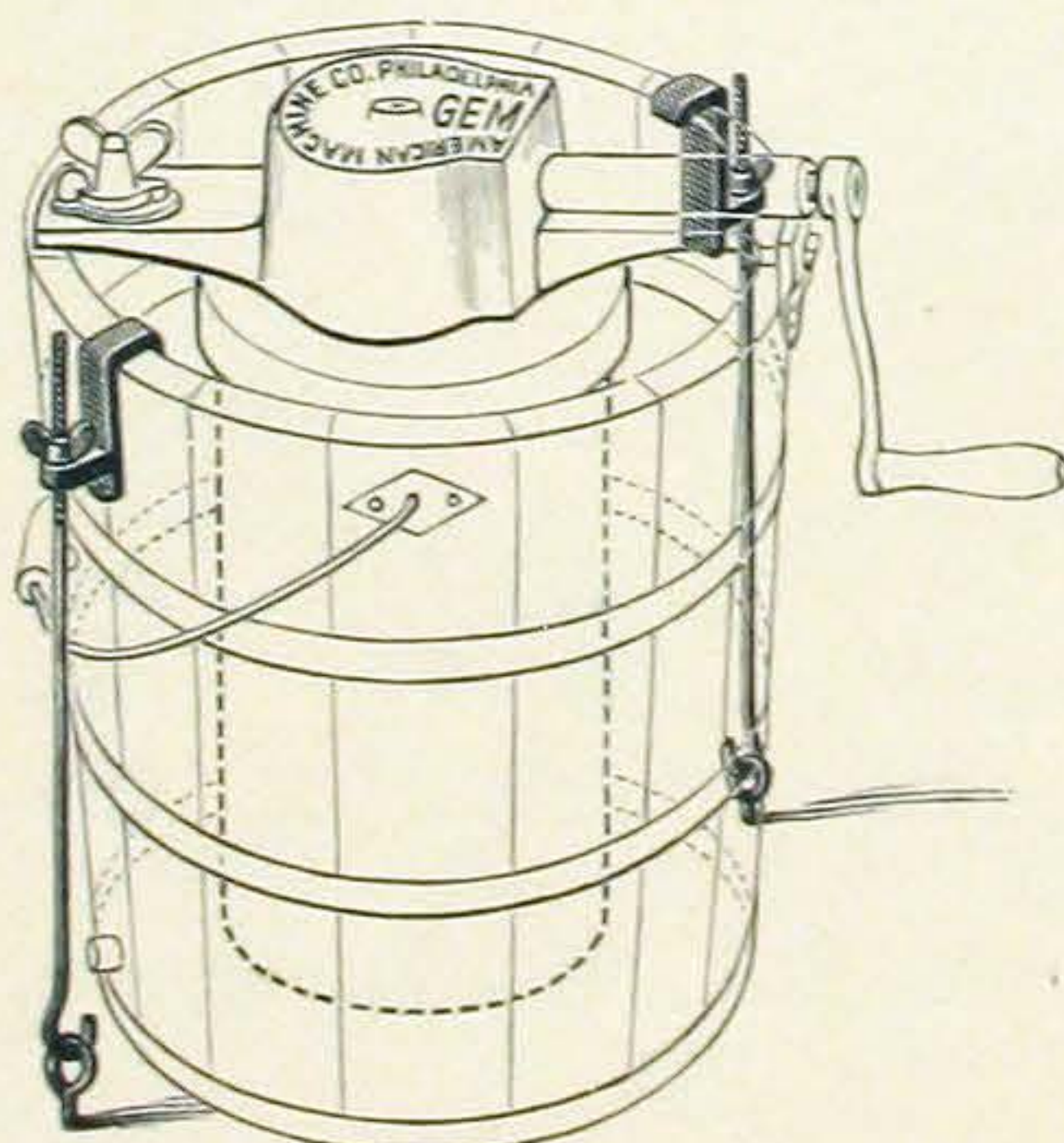
THE "CROWN" ICE CHIPPER.

Price, . . . per doz., \$6.00

Packed 1 dozen and 3 dozen
in a case.

The "Star" Ice Chipper.

is similar to the Crown but is lighter, and the blade is not as wide, consequently not quite as effective. The guard is thin and sharp on the end, so that it can also be used for splitting large blocks of ice into smaller lumps for use in water coolers.



The "Gem" Freezer Clamp.

A simple, handy and cheap attachment for holding the freezer firm during the time of operating. Does not interfere with the work. The two screw-eyes are screwed into the bench, box or wherever the freezer is usually placed (one on each side of the freezer), and the wire rods hooked into them. The clamps are then hooked over the edge of the tub, as shown in cut, and by screwing down the thumb-nuts the clamps are drawn tight and the freezer held firmly in place.

Those who prefer to stand the freezer in the kitchen sink or in a dishpan while using it can have an inch board cut to fit across the sink or in the bottom of the pan and clamp the freezer to it.

The use of these clamps takes away the greater part of the labor in making ice cream. They are made of wire and malleable iron and tinned all over to prevent rusting.

Sizes.	Hold "Gem" Freezers.	Hold other Freezer with tub of height
No. 1.	2 and 3 quart,	9 $\frac{3}{4}$ inch to 11 $\frac{1}{4}$ inch,
" 2.	4 " 6 "	11 $\frac{1}{4}$ " 13 $\frac{3}{4}$ "
" 3.	8 " 10 "	13 $\frac{3}{4}$ " 17 $\frac{1}{2}$ "
" 4.	14 "	17 $\frac{1}{2}$ " 19 "

Price, all sizes.

per doz. pairs, \$3.00

Packed as desired.

THE PERFECTION MEAT CUTTER,
The Latest, Best and Most Improved for Family Use.

Is offered to the Trade as the result of several years' careful study and experimenting as to what is required for a perfect and satisfactory cutter for family use. It is strong, simple, easily put together and taken apart, of few pieces, easily operated and cleaned, no parts to wear out or become dull, cuts and does not grind the meat, etc., and is offered with the fullest confidence as to its superior advantages over other cutters now in the market.

The Perfection Meat Cutter is designed pre-eminently as a machine for family use, and in this respect fills a demand which is not met by other meat cutters now in the market.

For family use it is not only necessary to cut raw meats, but cooked meats, chicken, lobsters, oysters, etc., for croquettes; suet; codfish; material for mince pies and fruit cakes; almonds and cocoanuts for cakes; pulverizing stale bread and crackers for frying purposes; chopping vegetables for soup; beef for beef tea, and many other purposes. Not only will the Perfection Cutter do this thoroughly, but it will cut equally well raw beef and pork for sausages; liver, etc., either hot or cold for puddings; scrapple, hogshead cheese, and be used for many other purposes required by butchers and farmers.

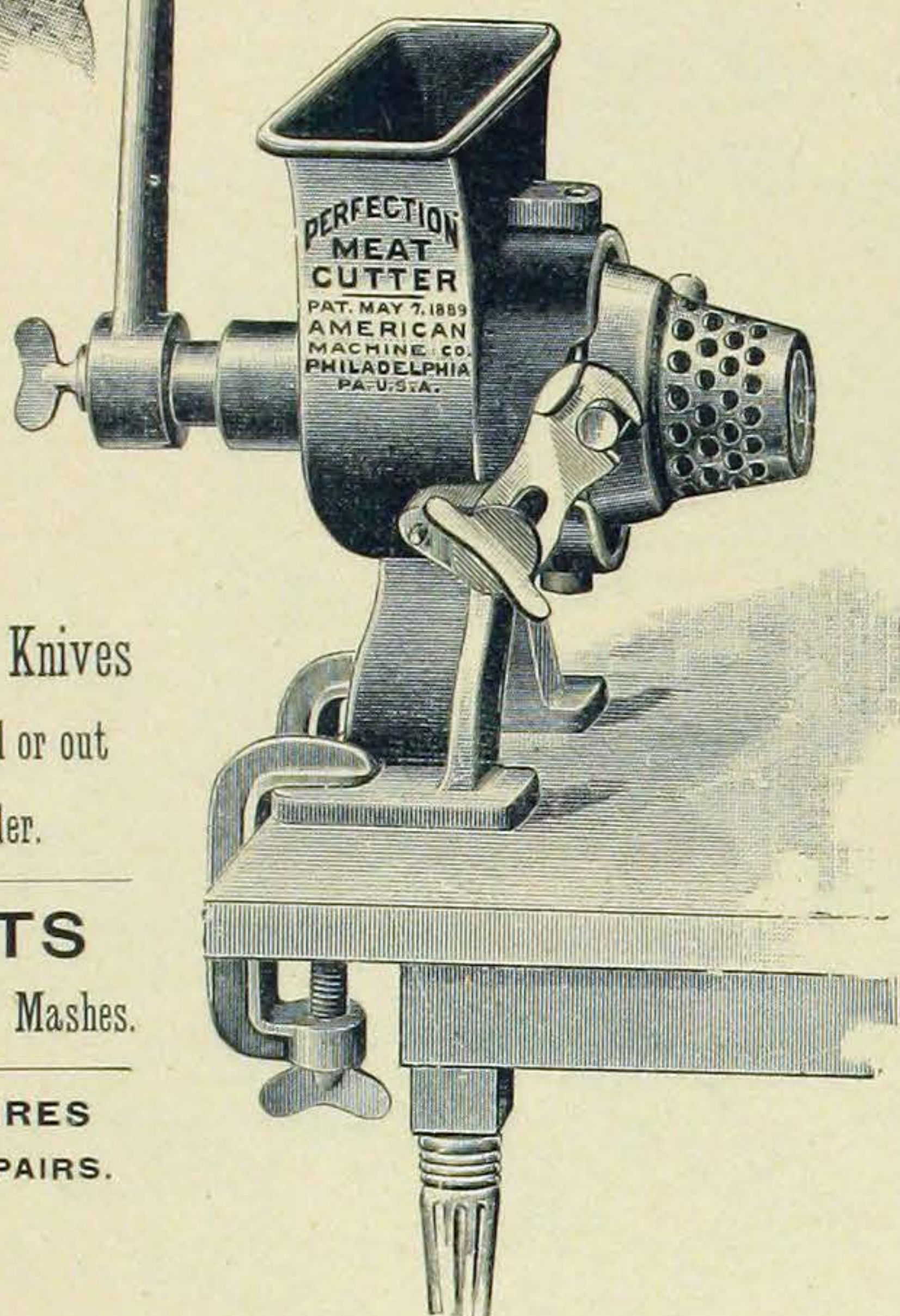
For the benefit of families each machine is furnished with a recipe book, "Dainty Dishes for All the Year Round," written by Mrs. Rorer, Principal of the Philadelphia Cooking School, giving full and explicit directions for preparing sixty dishes, both plain and fancy, in the preparation of which the Perfection Cutter can be used to great advantage in saving of time and convenience. By its use all cold pieces of meats, etc., left over from one meal, and generally wasted, can be used with but little trouble in preparing many of the palatable dishes found at leading hotels and restaurants.

No Loose Knives
to get dull or out
of order.

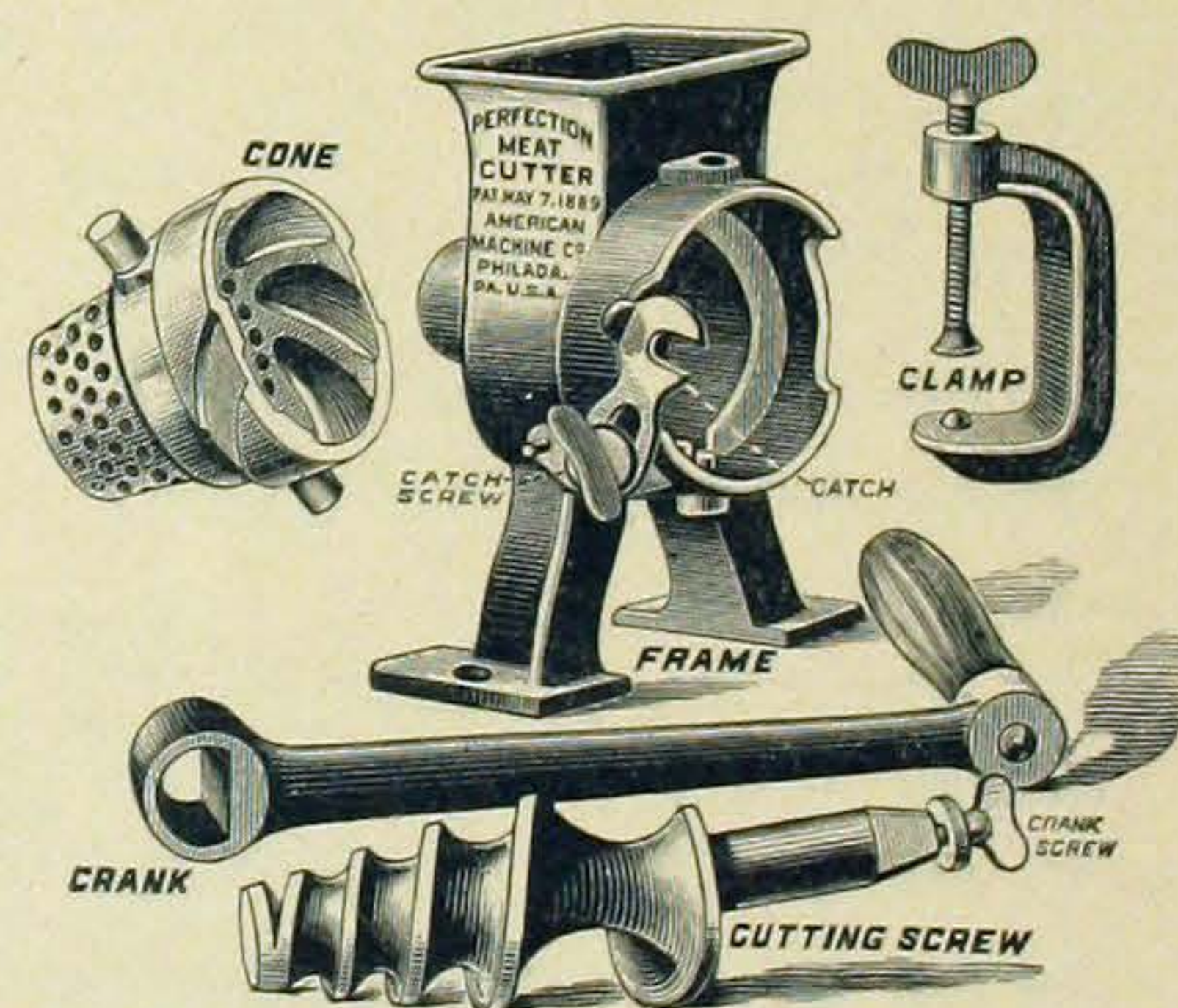
CUTS

Instead of Mashies.

**REQUIRES
NO REPAIRS.**

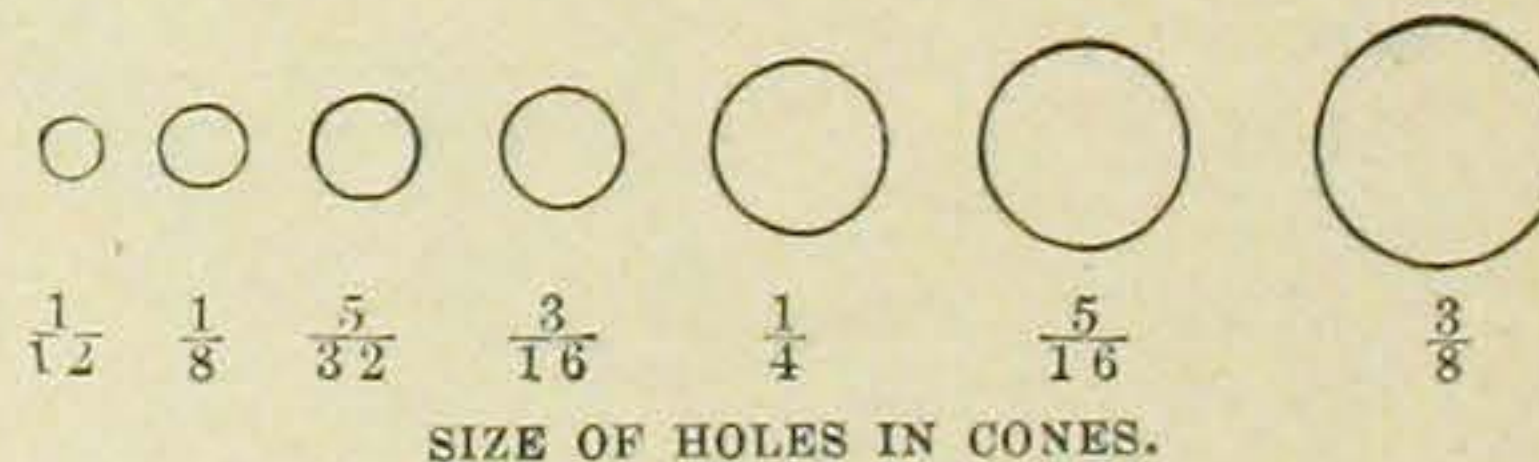
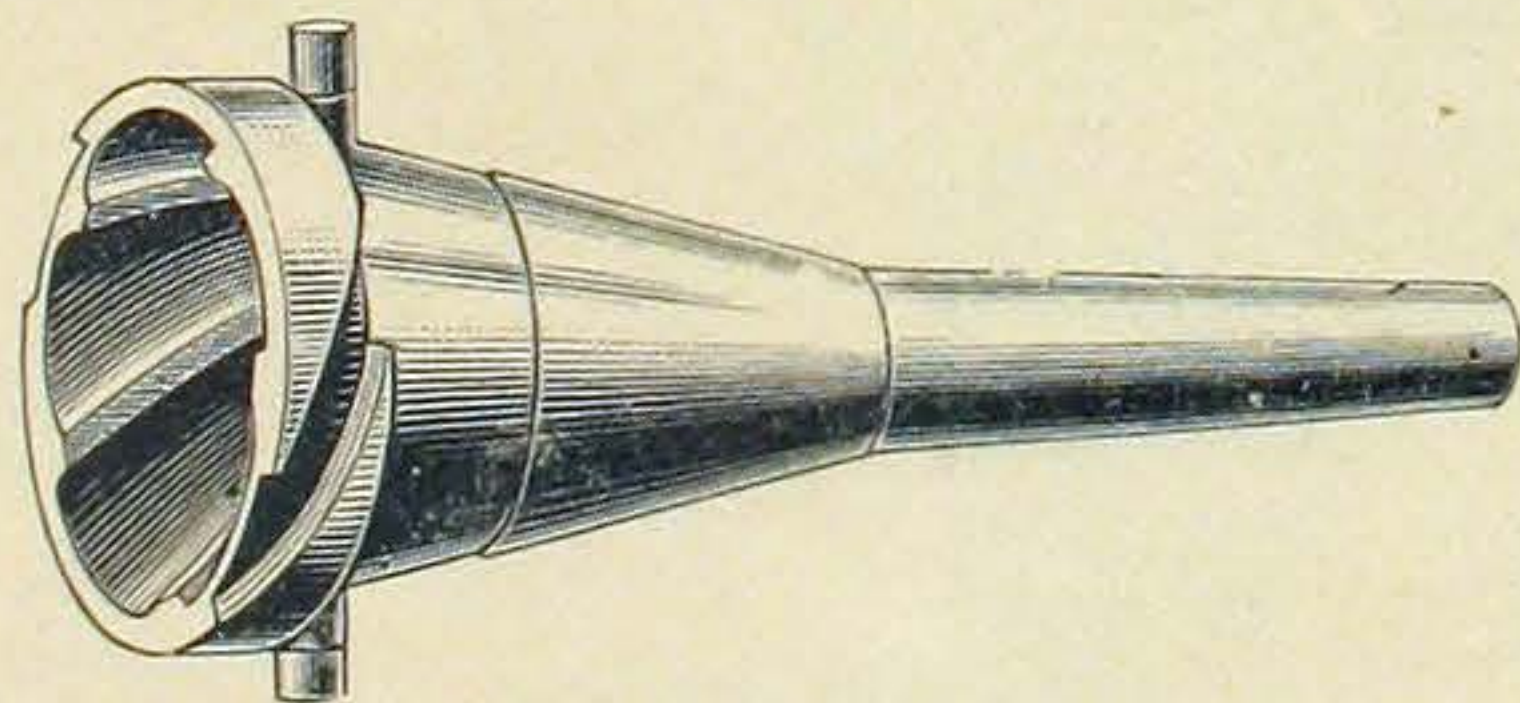


The parts of cutter are shown in illustration. After putting the cutting screw in frame, pull the cone up tight on cutting screw, the grooves in cone engaging with the pins in the frame. Hold firmly in place by pulling with the first finger of left hand under pin on left side of cone, and the thumb on top of hopper, and with the other hand push the catch down tight over pin on right hand side of cone, and tighten screw while holding parts firmly in place with left hand—this locks all working parts together ready for use. The cone should be on tight enough that crank will remain stationary in any position. The machine is held in place either temporarily by two clamps furnished with each machine, or permanently by screws, for which holes are drilled in the base, the one machine answering for both purposes. The meat, etc., to be cut is dropped in hopper in either large or small pieces as desired, and only require to be of such size as will go in the hopper easily. The pieces are forced forward by the screw to the cone, where they are cut between the sharp edges of the revolving screw and those of the stationary oblique knives in the cone—like between the blades of a pair of scissors—and finally reduced to a uniform size by a further cutting in passing through the holes in the cone. The work of cutting is thus advantageously divided and all unnecessary friction and waste of power avoided.



Sausage Stuffing Attachment.

To be attached to the machine in place of the cone. The meat is first cut in the regular way, then seasoned and mixed and fed into the machine with stuffer attached and forced tightly into the skins.



The No. 1 Machine cannot be furnished with cones having larger holes than $\frac{1}{4}$ inch.
The size regularly furnished in all machines is $\frac{5}{32}$ in.

PRICES.

No. 1, Cuts 1 lb per minute,	each, \$2 00
“ 2, “ 2 “	“ 2 75
“ 3, “ 3 “	“ 4.00

The size of holes in cones furnished regularly with cutters is $\frac{5}{8\frac{1}{2}}$ inch

Cutters ordered with finer holes in cone than $\frac{5}{32}$ inch will be charged at an advance equal to difference in price of cones with $\frac{5}{32}$ inch holes and those with finer holes as given in Price List of Parts.

Packed one-half dozen in case.

PARTS FOR REPAIRS.

	No. 1.	No. 2.	No. 3.
Frame, each,	\$1.00	\$1 40	\$2.00
Cutting screw, "	.50	.70	1 00
Cone ($\frac{5}{8}$ inch hole and larger), "	.40	.50	.75
" ($\frac{1}{8}$ " ") "	.60	.75	1.00
" ($\frac{1}{4}$ " ") "	.80	1.00	1.25
Crank, "	.20	.25	30
Clamp, with scaew, "	.20	.20	.20
Catch, "	.05	.05	.05
Catch screw, "	.05	.05	.05
Crank screw, "	.05	.05	.05
Sausage stuffer, "	.40	.50	.60

The Crown Fluting Machine.

Has all the valuable features of the best machines in the market, and in addition has several important novelties, to which we beg to call attention.

The spring is so placed that the separating of the rolls for the putting in the work does not compress or effect it in the least, thus not only saving the spring unnecessary strain, but easing the operation. The lower roll projects over the base plate free of all obstruction, thereby giving the machine a greater latitude for different kinds of work, which a post supporting the end of the roll would interfere with.

The machines are finished in a superior manner, with swivel clamp attachment to fasten them either to the side or end of a table. Each machine is put in a separate wooden box with four heaters and a pair of tongs.

Sizes (length of rolls), 4½ 6 8 inch.
 Price, . . . \$3.50 \$4.00 \$6.50 each.
 Extra rolls, . . . 1.90 2.20 3.50 per pair.
 Crated in packages of four.

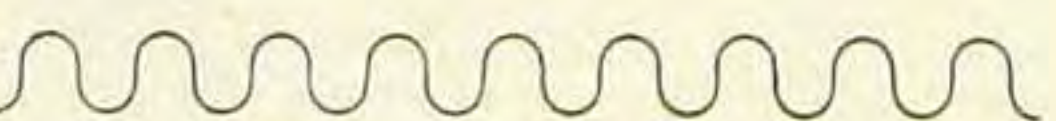
Sizes (length of rolls), 4½, 6 and 8 inches.
 The rolls are made in following styles, viz.:


No. 10 

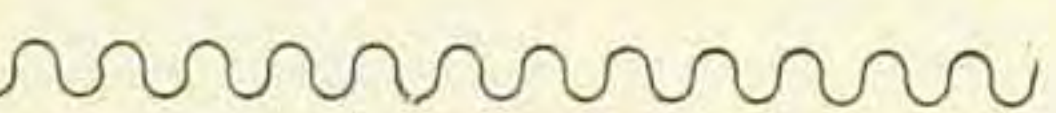
No. 12 

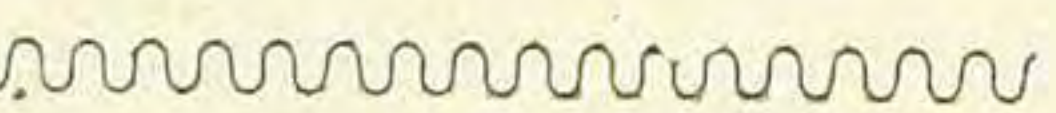
No. 15 

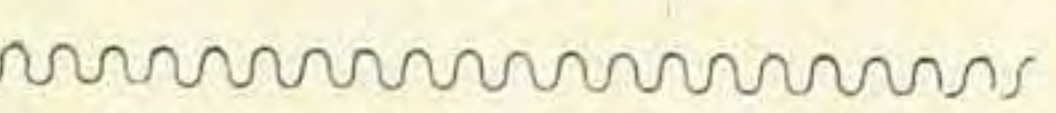
No. 18 

No. 22 

No. 26 

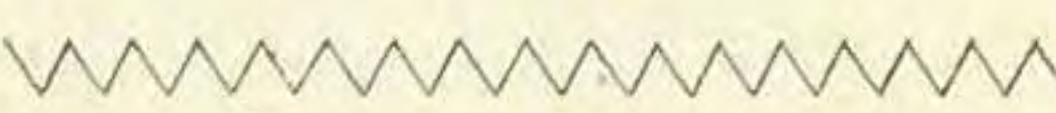
No. 30 

No. 40 

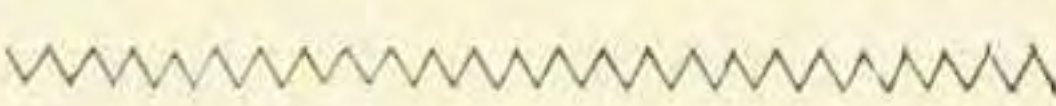
No. 50 

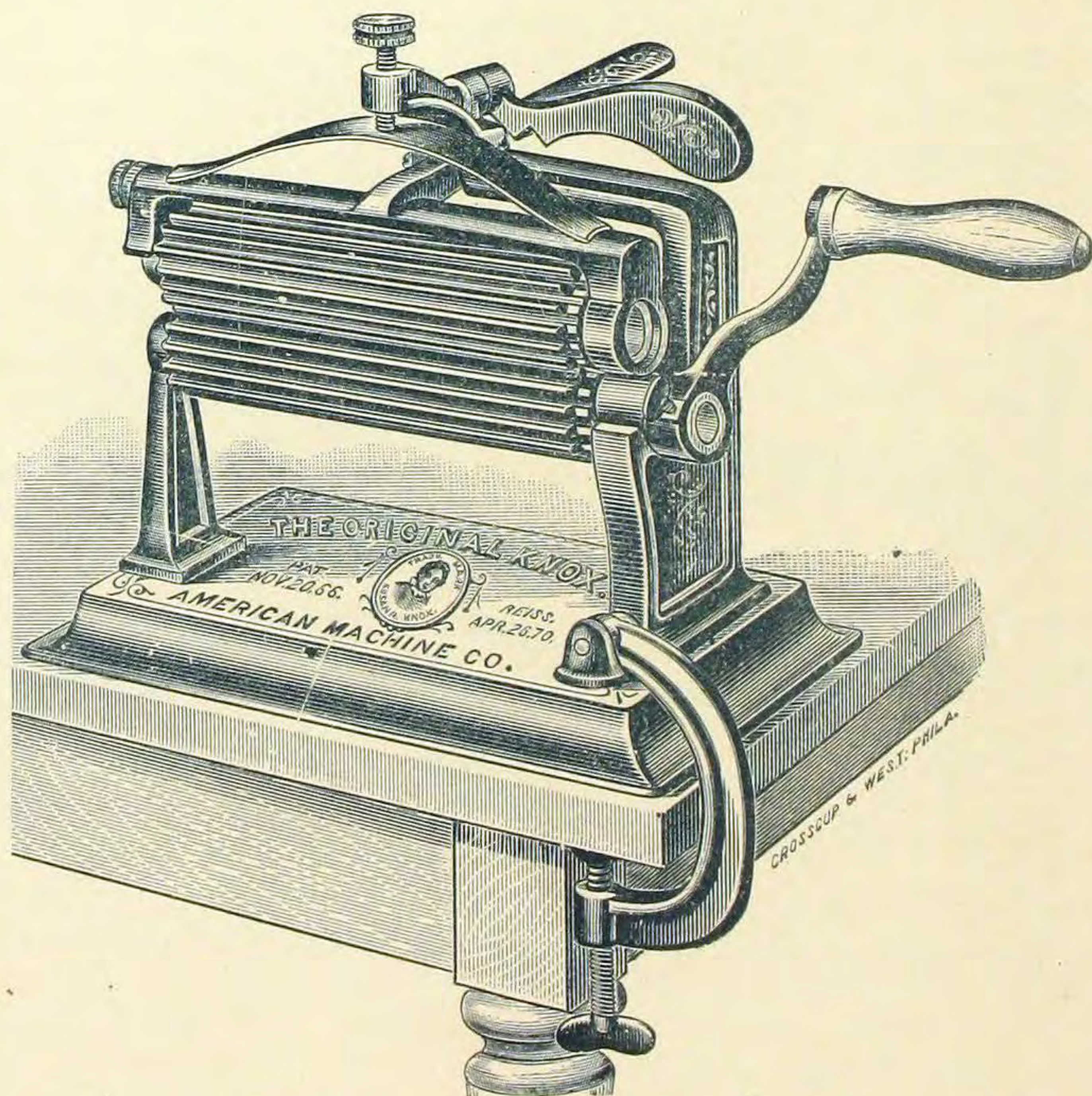
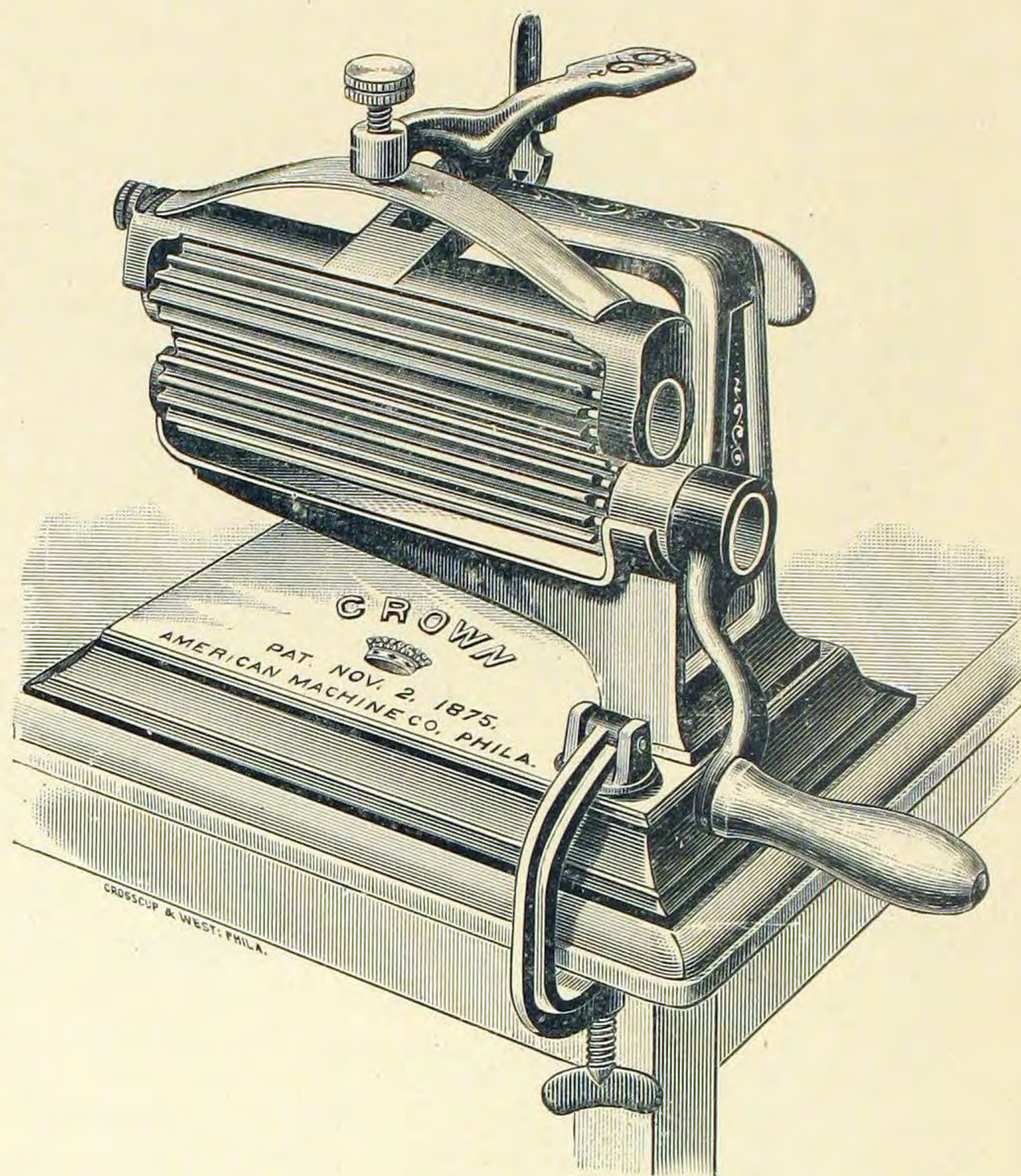
No. 126 

No. 130 

No. 140 

No. 150 

No. 160 



Original "Knox" Fluting Machine.

This old favorite machine needs no recommendation. It is made and finished in the same superior style as our other machines, with swivel clamp attachment to fasten it either to the side or end of a table.

Each machine is put in a separate wooden box with four heaters and a pair of tongs.

Sizes (length of rolls), 4½, 6 and 8 inches. The rolls are made in all styles, as shown in above diagram.

Sizes (length of rolls), 4½ 6 8 inch.
 Price, . . . \$3.25 \$3.60 \$6.00 each.
 Extra rolls, . . . 1.90 2.20 3.50 per pair.
 Crated in packages of four.


The American Fluting Machine

Has all the valuable features of the best machines in the market, and in addition has several important practical features not found in any other style of machine. The platform in front of lower roll is arranged to enable the operator to guide the material, and by a pressure of a hand on it to separate the rolls quickly and without trouble, in order to adjust the goods if fluted crooked or bias, or if goods are being scorched from using heaters that are too hot.

The spring is so placed that the separating of the rolls for the putting in the work does not compress or effect it in the least, thus not only saving the spring unnecessary strain, but easing the operation.


Each machine is put in a separate wooden box, with four heaters and a lifter.

Sizes (length of rolls) 5, 6 and 7 inches. The rolls are made in following styles, viz.:

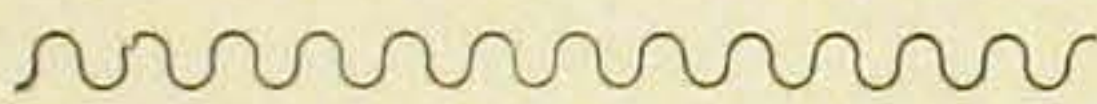
No. 12 

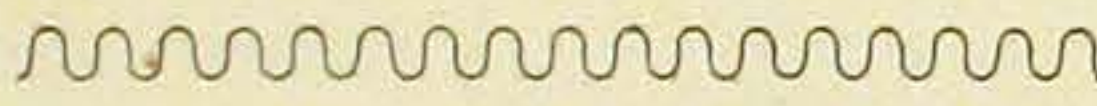
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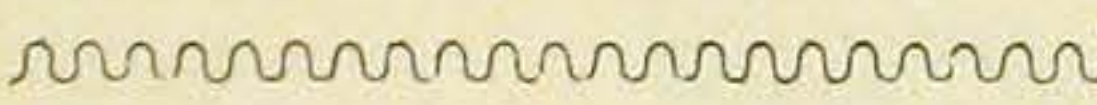
No. 18 

No. 22 

No. 26 

No. 30 

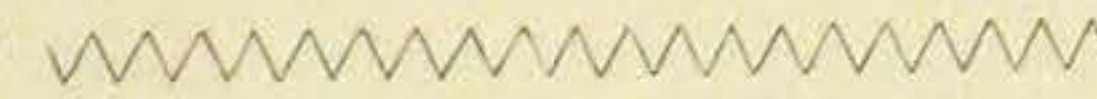
No. 40 

No. 50 

No. 126 

No. 130 

No. 140 

No. 150 

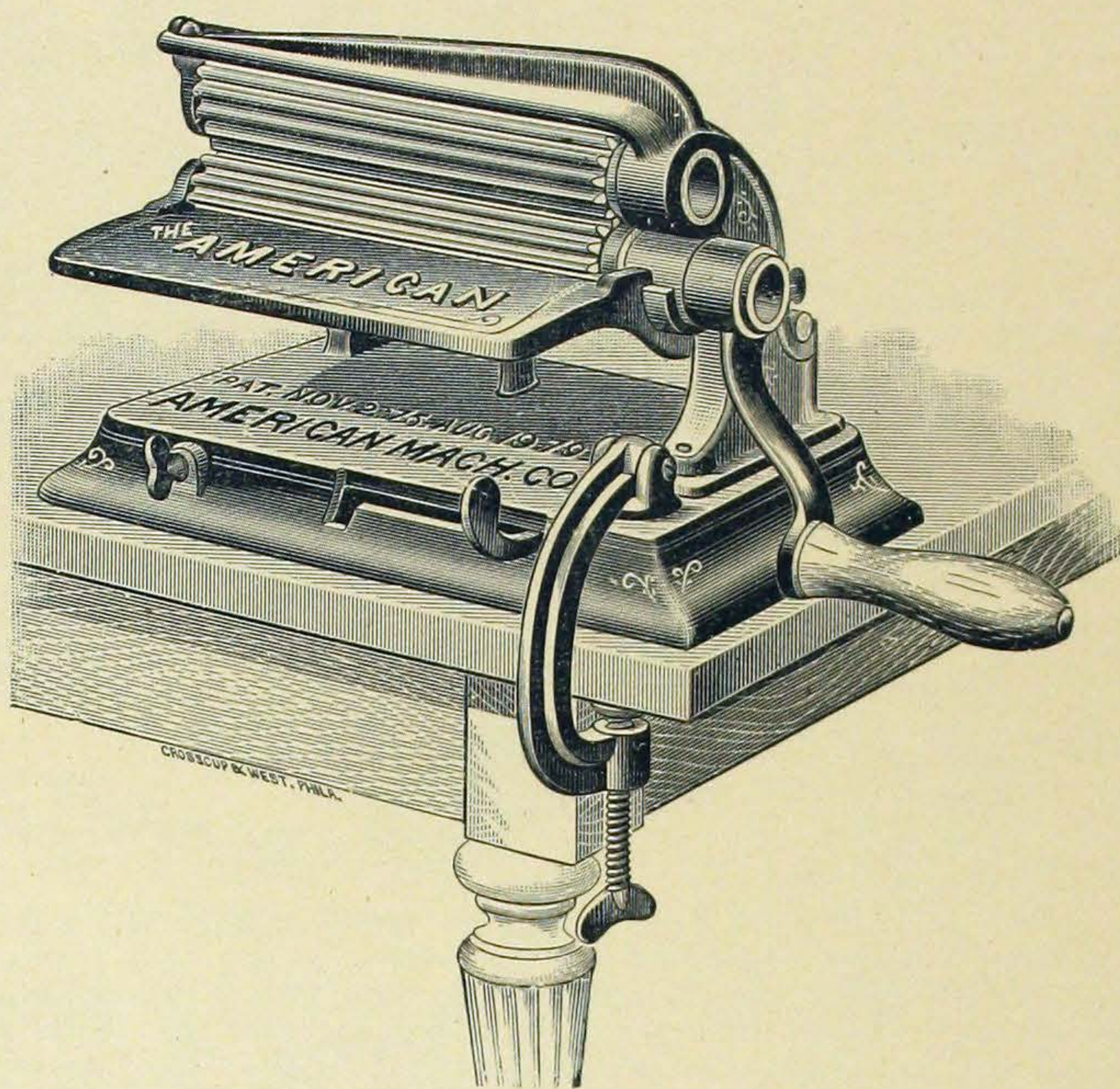
No. 160 

The Eagle Fluting Machine

Is designed to meet the popular demand for a fluter that combines all the practical advantages of a machine having corrugated rolls, with the cheapness of a hand fluter, and in offering the Eagle Fluting Machine to the trade we feel convinced that we have fully succeeded in meeting this want.

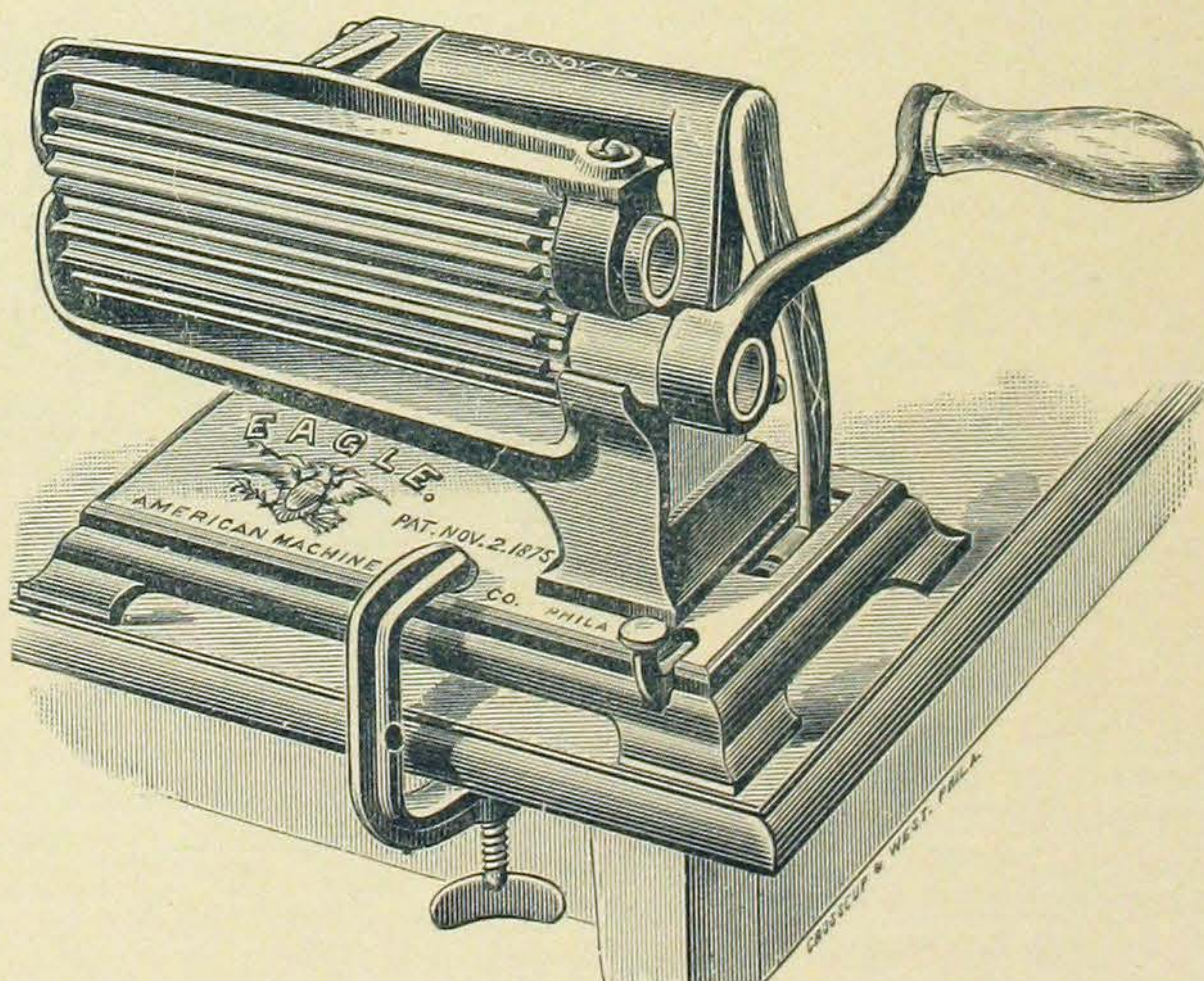
The machine has smaller rolls and is lighter than the "Crown" or "American" (hence its lower price), but it will turn out quite as good work, and for moderate use do equally as good service. Each machine is enclosed in a paper box and supplied with a clamp, four wrought iron heaters and a lifter.

Sizes (length of rolls) $3\frac{1}{2}$ and $5\frac{1}{2}$ inches furnished with rolls of 15, 18 or 22 flutes (see diagram above).



Sizes (length of rolls),	5	6	7 inches.
Price,	\$3.00	3.40	4.50 each.
Extra rolls,	1.65	1.90	2.50 per pair.

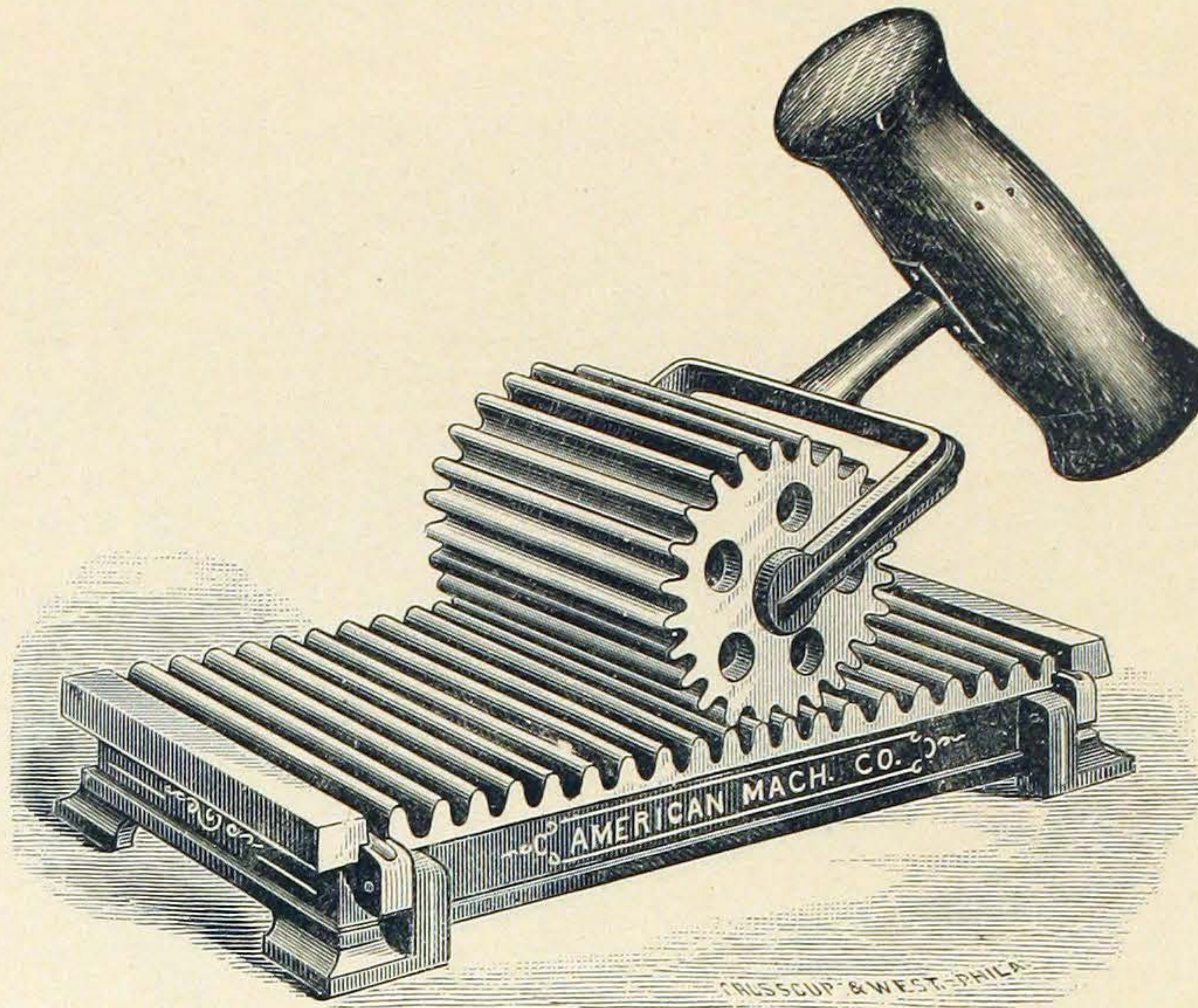
Crated in packages of four or six.



Sizes (length of rolls),	$3\frac{1}{2}$	$5\frac{1}{2}$ inches.
Price,	\$2.15	2.85 each.
Extra rolls,	1.15	1.55 per pair.

Packed one-half dozen in a case.

CROWN HAND FLUTERS.

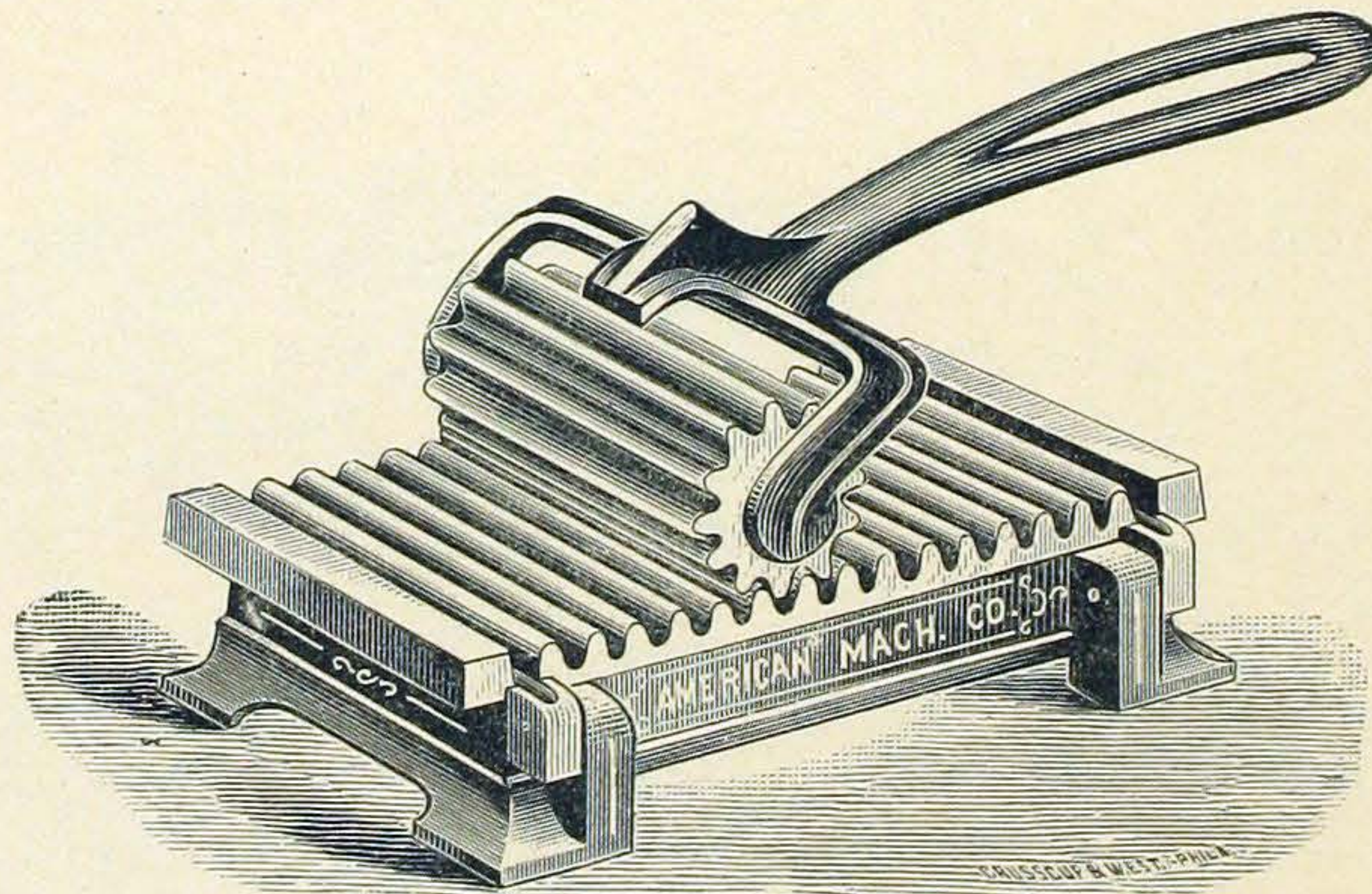


No. 1.

The No. 1 Hand Flutter has a plate 7 inches long and $3\frac{1}{4}$ inches wide, and a roll $2\frac{3}{8}$ inches diameter. Both roll and plate are finely polished and nickel plated. The plate is furnished with stops at each end to prevent roll running off and tearing goods. The plate is hinged to base and does not require to be lifted off and laid aside to remove heating iron. The heating irons are laid in a recess of the base under plate. Two irons are furnished with each Flutter and a lifter to handle them. The handle is of wood, and yoke holding roll of malleable iron. All parts not nickel plated are neatly japanned.

The No. 2 Hand Flutter is the same as our No. 1, except that the roll is smaller, being $1\frac{3}{8}$ inches diameter. The wood handle is placed at right angles to the length of the Roll. Each Flutter is packed in a strong paper box.

No. 1, Packed one-half dozen in a case,	per dozen, \$15.00
" 2, " one dozen "	" 12.50



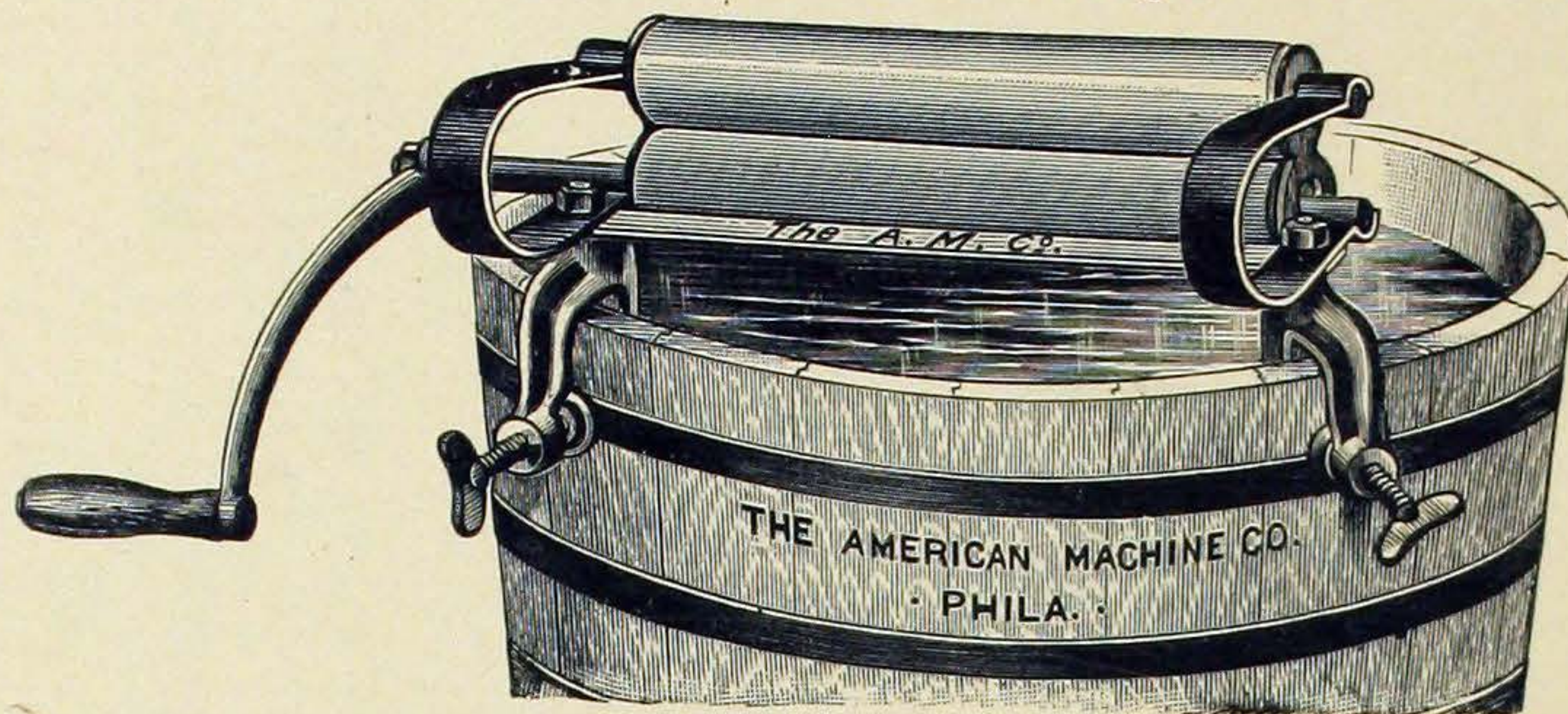
No. 3.

The No. 3 Hand Flutter has a Plate $5\frac{1}{2}$ inches long and 3 inches wide, and a roll $1\frac{3}{8}$ inches diameter. Both roll and plate are finely polished and nickel plated. The plate is furnished with stops at each end to prevent roll running off and tearing goods. The plate is hinged to base and does not require to be lifted off and laid aside to remove heating iron. The heating irons are laid in a recess of the base under plate. Two heating irons are furnished with each Flutter. The handle and yoke to hold roll is made in one piece of malleable iron. This handle, by means of the projection seen in cut over roll, also serves as a lifter to handle the heating irons. All parts not nickel plated are neatly japanned.

The No. 4 Hand Flutter is the same as our No. 3, except in the following particulars: The plate instead of being hinged to base simply rests on it. The heating iron, instead of being separate, is cast on to the bottom of the plate. In order to heat the Plate it is lifted off the base and placed on stove, and when hot put back on the base. Both plate and roll are finely polished, but not nickel plated. All parts not polished are neatly japanned. Each Flutter is packed in a strong paper box.

No. 3, Packed one dozen in a case,	per dozen, \$10.50
" 4, " " " "	" 8.25

The "A. M. Co." Clothes Wringer.

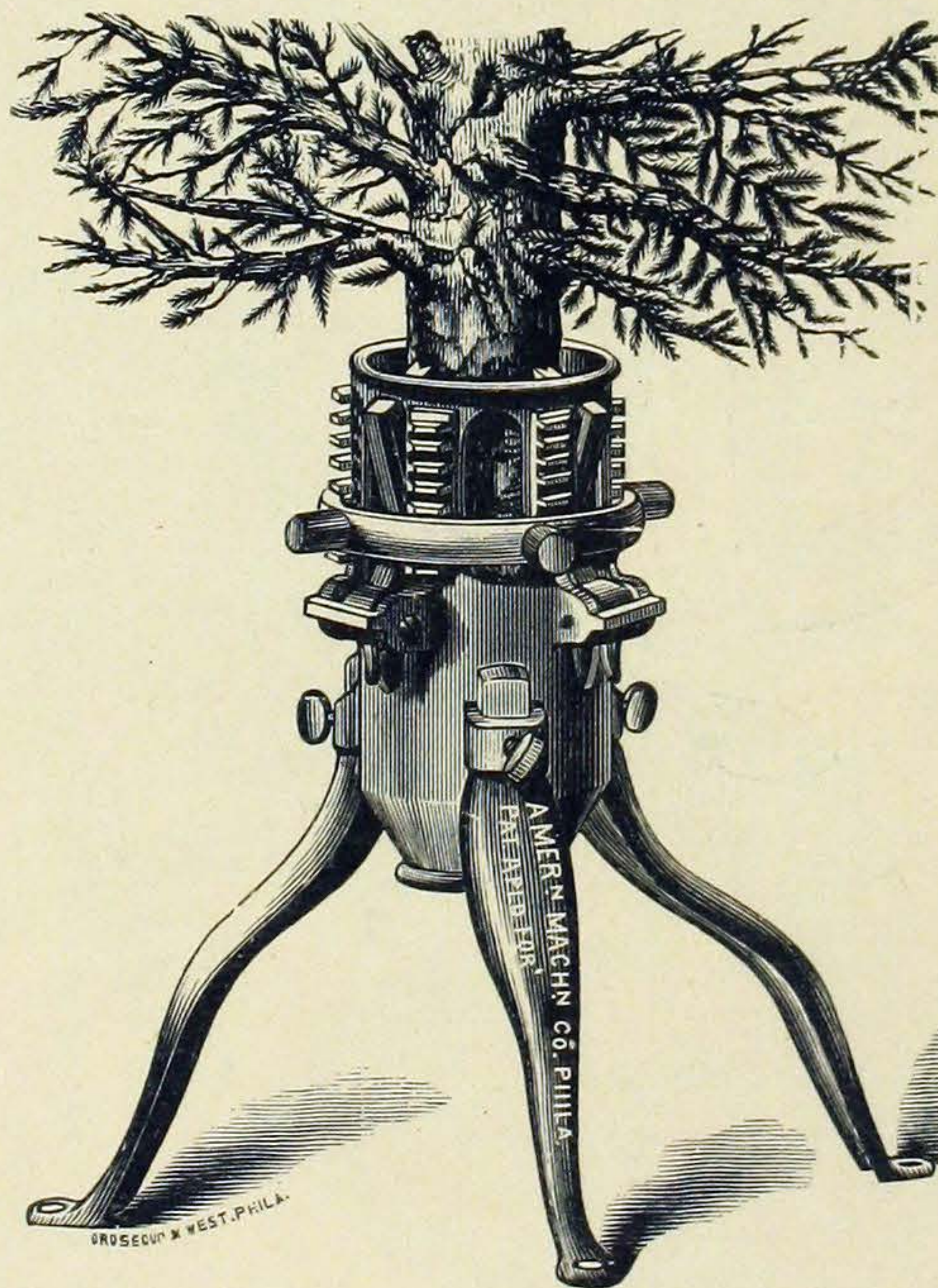


This Wringer is in every respect the most practical one made. When fastened tightly on the tub, as shown in cut, it is ready for use. The horse-shoe shaped steel springs supply automatically the necessary pressure to wring clothes of varying thickness, the clothes only needing spreading out as they pass between the rolls to ensure being wrung dry with little exertion. The rolls are of white rubber with makers' name stamped on as a guarantee of best quality. It is made with either japanned or galvanized springs.

No. 2.	Rolls 10 inches long, $1\frac{3}{4}$ inches diameter,	per dozen, \$36.00
" 2 $\frac{1}{2}$.	" 12 " $1\frac{3}{4}$ " "	" 50.00
" 3.	" 14 " $1\frac{7}{8}$ " "	" 64.00
" 4.	" 16 " 2 " "	" 94.00

Packed one-half dozen in a case.

The Crown Christmas Tree Holder.



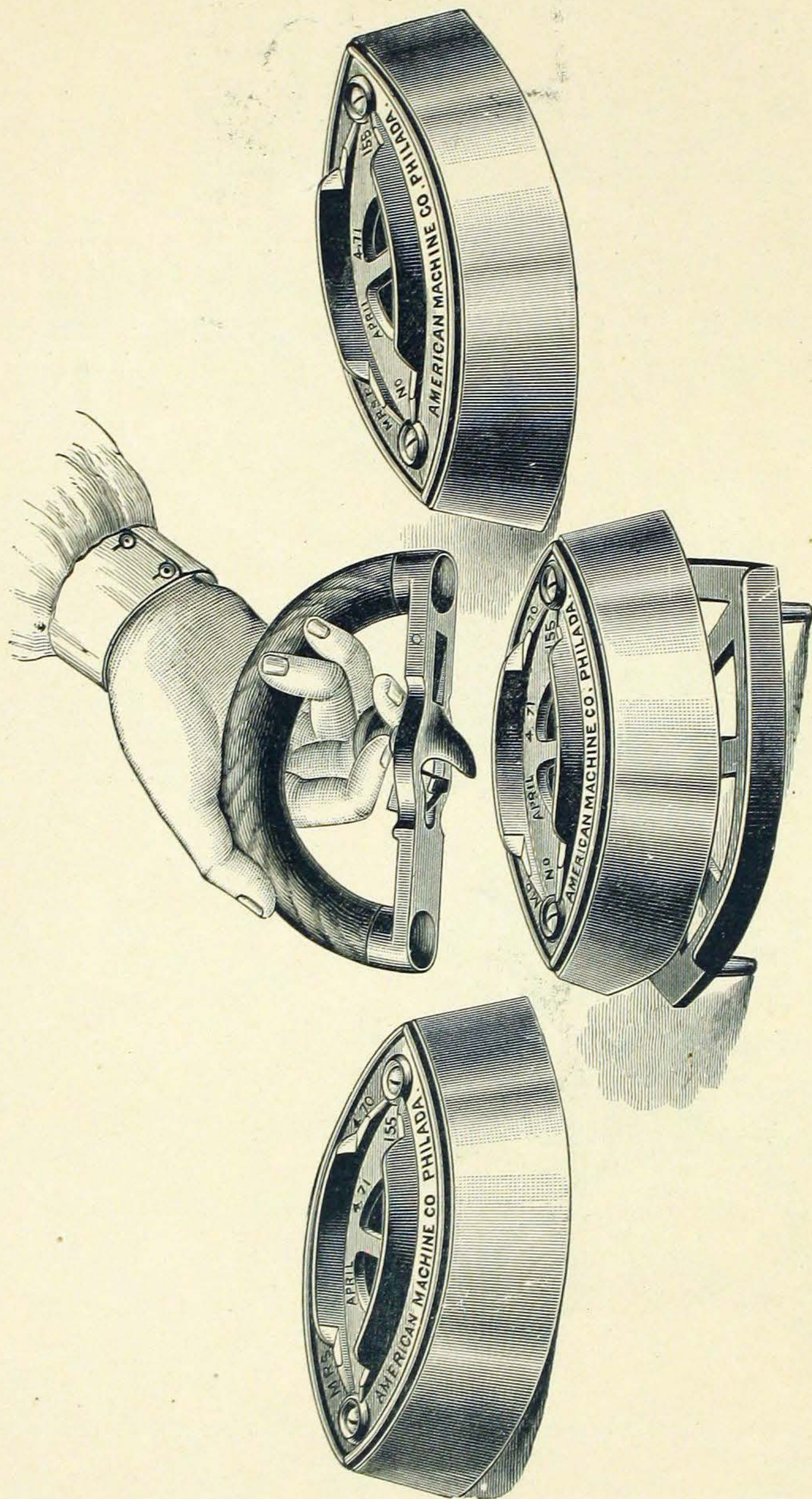
Is offered to the public as a decided improvement upon any other style in the market. The usefulness of this article is obvious to any one who has tried to arrange blocks, boxes, or other appliances for holding Christmas trees.

The Holder is made of two sizes, to hold 2-inch or 3-inch trees or less, and is so constructed that it will firmly clamp and hold any size tree that may be put in it. The legs are placed in the sockets and fastened by the small thumb screws; the ring nut is turned downward, whereby the clamps are thrown outward. The tree is then set in the Holder and the ring nut turned upwards until the clamps have a sufficiently tight hold. If desirable, the Holder can be fastened to the floor, etc., by means of small tacks or screws. Should the tree shrink and become loose in the Holder, a slight turn upwards of the ring nut will tighten it again.

2 inches,	per dozen \$ 9.00
3 " "	" 12.00

Packed one dozen in a case.

Mrs. Potts' Patent "Crown" Cold Handle, Double Pointed Smoothing and Polishing Irons.

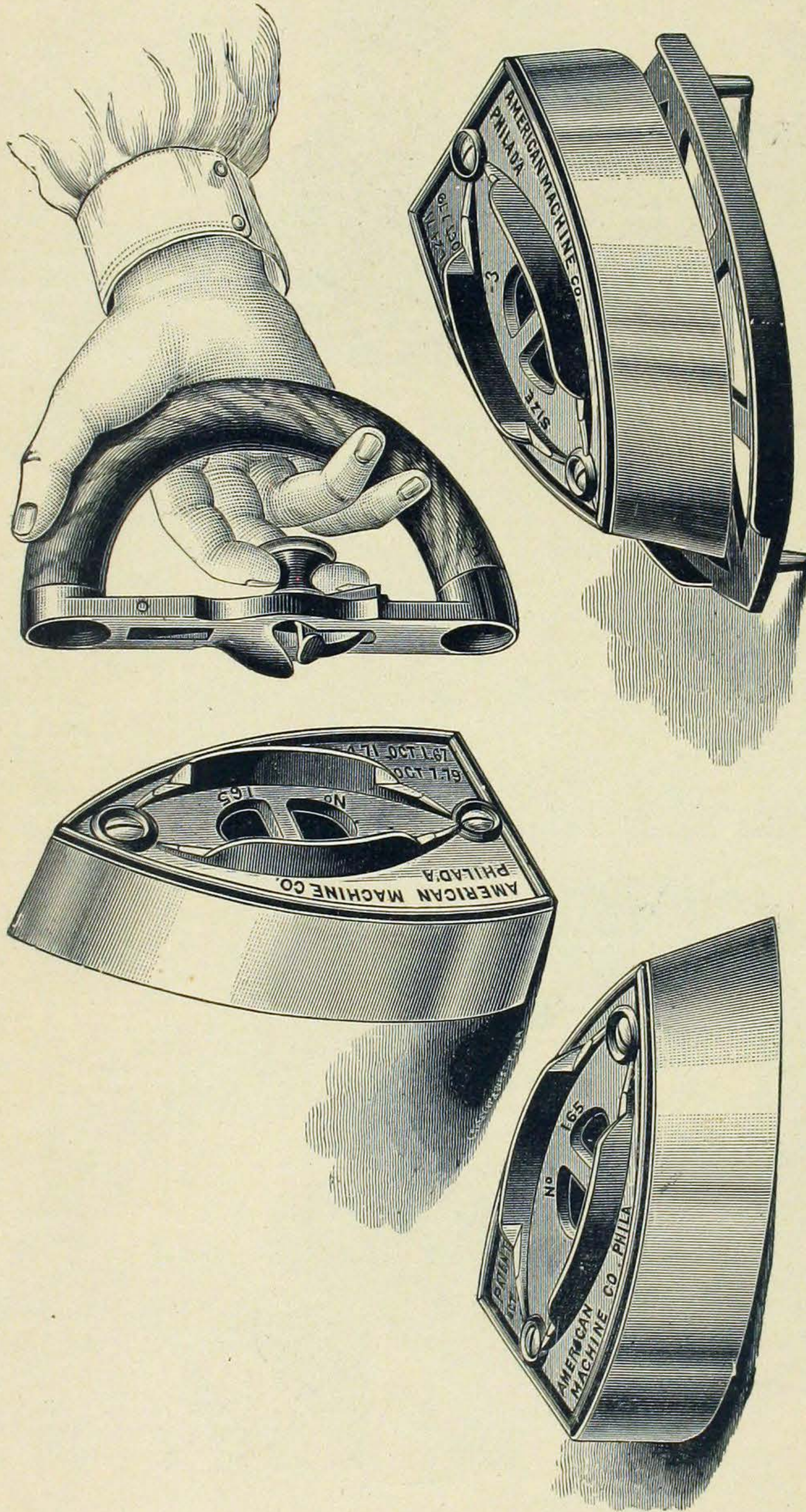


The great merits of these irons are already so universally known that it seems needless to refer to them here; a few main points, however, may not be amiss. They are better made and finer finished and hold the heat longer than any iron heretofore produced. They are double pointed, and will iron either way. The handle being of walnut wood, detachable by a spring, never becomes hot, requires therefore no holder or cloth, and being of a circular shape, fits the hand naturally, without straining the wrist or arm. Three irons, one handle and stand constitute a set, as represented by above cut. There are three sizes in each set. No. 1 weighs about four pounds, has one round end for polishing or glossing, and is very suitable for light work; No. 2 weighs about five pounds, and is for general use; No. 3 weighs about six pounds, and is suitable for table-cloths, sheets, etc.

PRICES -

No. 150, Nickel plated,	per dozen sets, \$30.00	No. 155, Plain polished,	per dozen sets, \$24.00
			Packed half dozen sets in a case.
No. 150, Nickel plated, Nos. 1, 2 or 3, with handles,	per dozen irons, \$12.50	No. 155, Plain polished, Nos. 1, 2 or 3, with handles,	per dozen irons, \$10.50
" 150, " 1, 2 or 3, without handles,	" 8.50	" 155, " 1, 2 or 3, without handles,	" 6.50
Extra handles,	per dozen, 4.00	Improved Sad-Iron Stands,	per dozen, .60
		Packed one dozen in a case.	

Mrs. Potts' Patent "Crown" Cold, Handle, Square Back Smoothing and Polishing Irons



Are similar in all respects to our celebrated Mrs. Potts' double pointed irons, except that they have but one point, the other end of iron being square, with the edge rounded off for polishing. The handle being of walnut wood, detachable by a spring, never becomes hot, requires therefore no holder or cloth, and being of a circular shape, fits the hand naturally, without straining the wrist or arm. Three irons, one handle and stand constitute a set, as represented by above cut. There are three sizes in each set. No. 1 weighs about four pounds, and is very suitable for light work; No. 2 weighs about five pounds, and is for general use; No. 3 weighs about six pounds, and is suitable for table-cloths, sheets, etc.

PRICES.

No. 160, Nickel plated,	per dozen sets, \$30.00	No. 165, Plain polished,	per dozen sets, \$24.00
	Packed half dozen in a case.		
No. 160, Nickel plated, Nos. 1, 2 or 3, with handles,	per dozen irons, \$12.50	No. 165, Plain polished, Nos. 1, 2 or 3 with handles,	per dozen irons, \$10.50
" 160, " 1, 2 or 3, without handles,	" 8.50	" " 1, 2 or 3, without handles,	" 6.50
Extra handles,	per dozen, 4.00	Improved Sad-iron Stands,	per dozen, .60
	Packed one dozen in a case.		
In addition to the above, we also make No. 4 iron, weighing seven pounds, and sold by the dozen only as below. The handle is the same as that used on the above irons.			
No. 160, Nickel plated, No. 4 iron, with handles,	per dozen, \$15.00	No. 165, Plain polished, No. 4 iron, with handles,	per dozen, \$12.00
" 160, " 4 " without handles,	" 11.00	" " 4 " without handle,	" 8.00
	Packed one dozen in a case		

Star Double Pointed Smoothing and Polishing Irons.



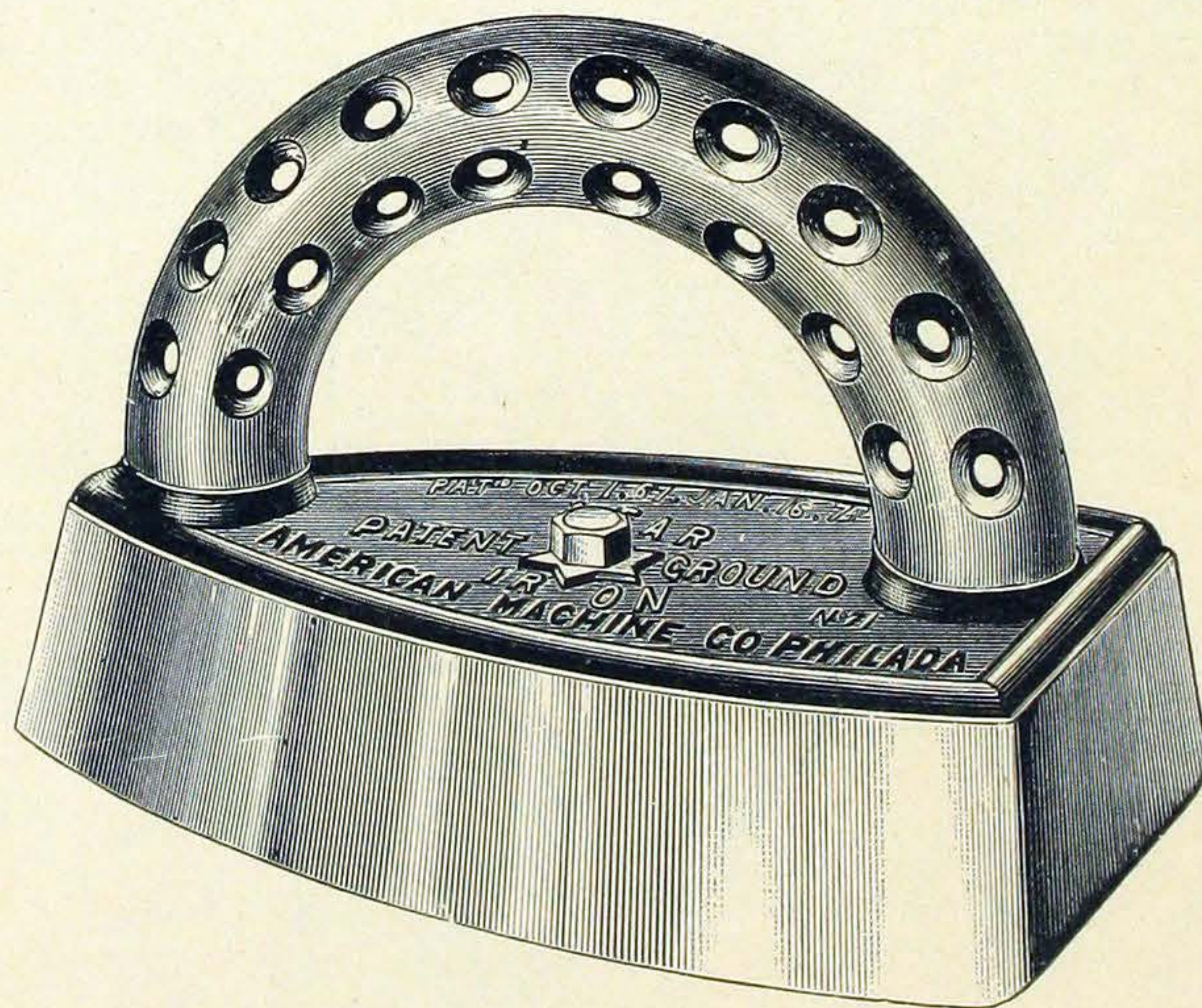
This is the same as our Nos. 150 and 155 irons, but without the detachable wooden handle, a perforated fixed iron handle being substituted instead. Although this iron does not possess the many advantages of the detachable wooden handle, it is decidedly superior in every way to the ordinary solid irons, as it has all the other features of Nos. 150 and 155.

There are three sizes of these irons. No. 1 weighs about four pounds, has one round end for polishing or glossing, and is very suitable for light work; No. 2 weighs about five pounds, and is for general use; No. 3 weighs about six pounds, and is suitable for table-cloths, sheets, etc.

No. 70, Nickel plated, Nos. 1, 2 or 3,	per dozen, \$9.00
" 75, Plain polished, " " "	" 6.75

Packed one or two dozen in a case.

Star Square Back Smoothing and Polishing Irons.



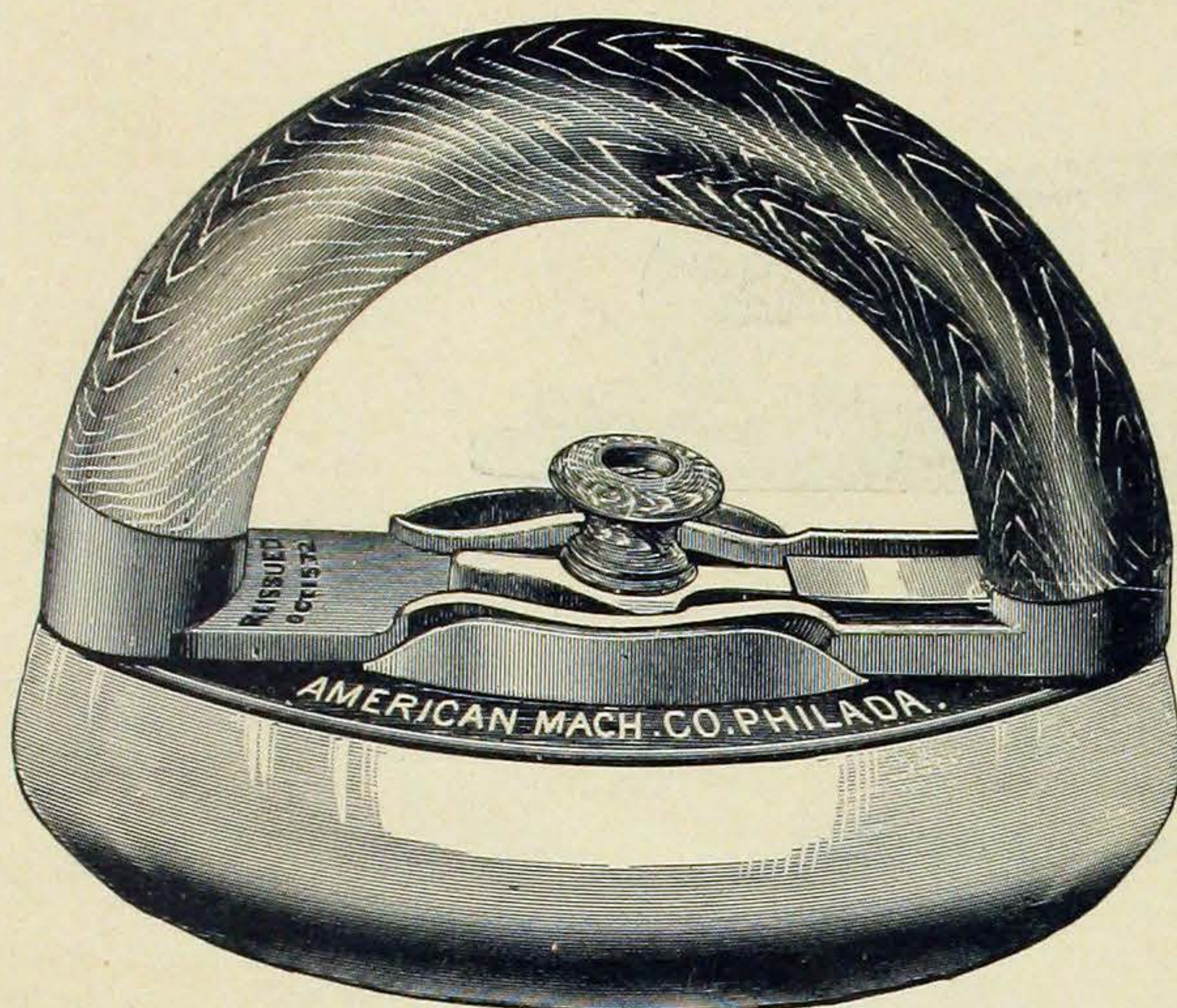
This is the same as our Nos. 160 and 165 irons, but without the detachable wooden handle, a perforated fixed iron handle being substituted instead. Although this iron does not possess the many advantages of the detachable wooden handle, it is decidedly superior in every way to the ordinary solid irons, as it has all the other advantages of Nos. 160 and 165.

There are three sizes of these irons. No. 1 weighs about four pounds, and is very suitable for light work; No. 2 weighs about five pounds, and is for general work; No. 3 weighs about six pounds, and is suitable for table-cloths, sheets, etc.

No. 71, Nickel plated, Nos. 1, 2 or 3,	per dozen, \$9.00
" 76, Plain polished, " " "	" 6.75

Packed one or two dozen to a case.

Mrs. Potts' Patent "Crown" Cold Handle, Double Pointed, Smoothing and Polishing Irons.

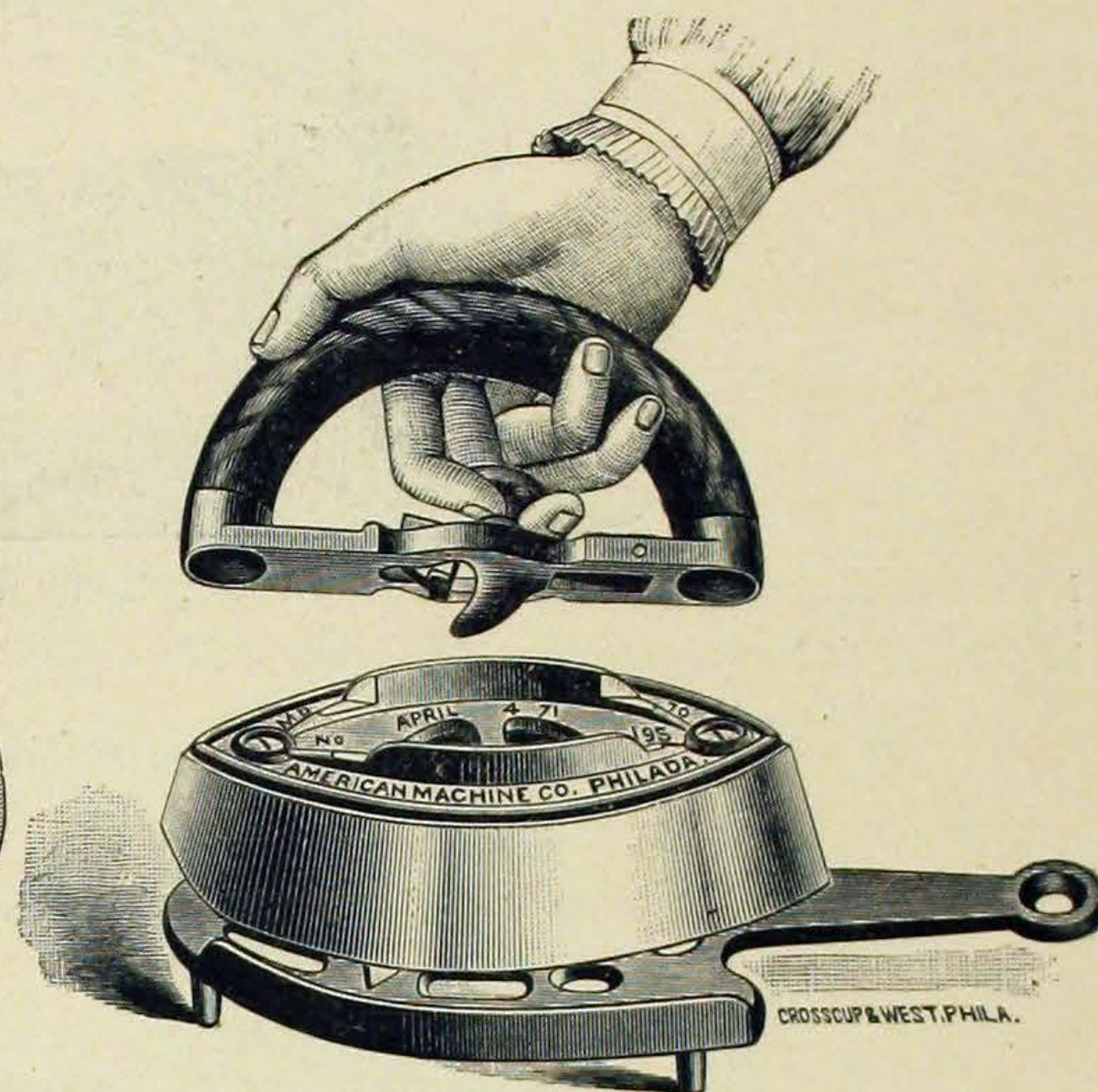


CHINESE POLISHER.

The above iron has all round edges, and is adapted for laundry and general polishing purposes. It is made in two sizes, and is the handsomest and best polishing iron ever offered for sale. It has the detachable walnut handle, which never becomes hot, and possesses all the other advantages of our Mrs. Potts' Patent Irons.

No. 180, Nickel plated, weighs about $4\frac{1}{2}$ lbs.,	per doz.,	\$15 00
" 185, Plain polished, " $4\frac{1}{2}$ "	" "	13.00
" 182, Nickel plated, " 3 "	" "	11.00
" 187, Plain polished, " 3 "	" "	9.00

Packed one or two dozen in a case.



GIRLS' POLISHING IRONS.

These irons weigh about two pounds each, and have one end of iron rounded for polishing. The handle is made of walnut, and is detachable and never becomes hot.

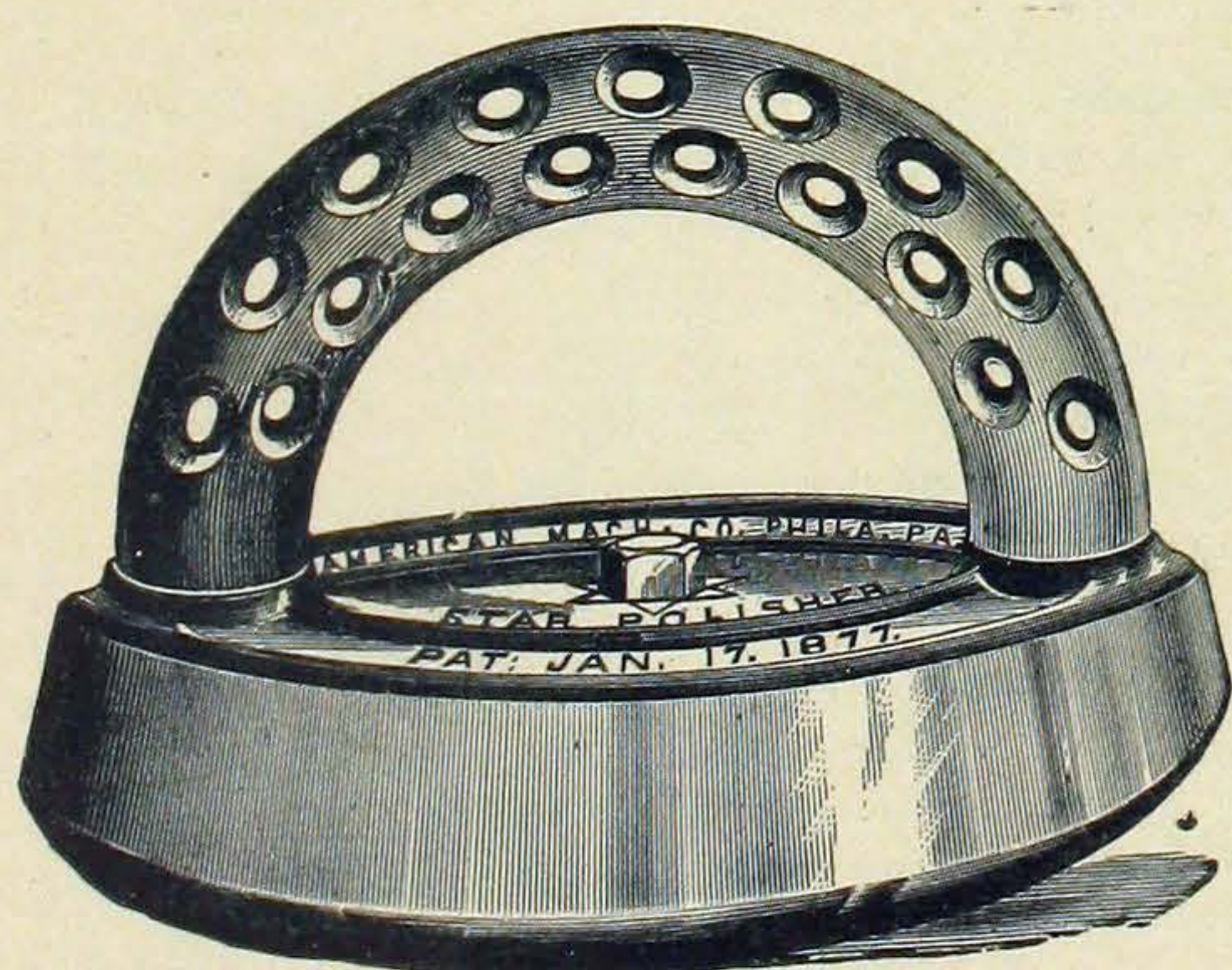
A stand is furnished with each iron.

These irons are intended for polishing and ironing small articles, silk hats, etc., and make a very fine toy.

No. 190, Nickel plated, with handles,	per doz.,	\$7.50
" 195, Plain polished " "	" "	6.00

Packed two or three dozen in a case.

Mrs. Potts' Patent "Star," Double Pointed, Smoothing and Polishing Irons.



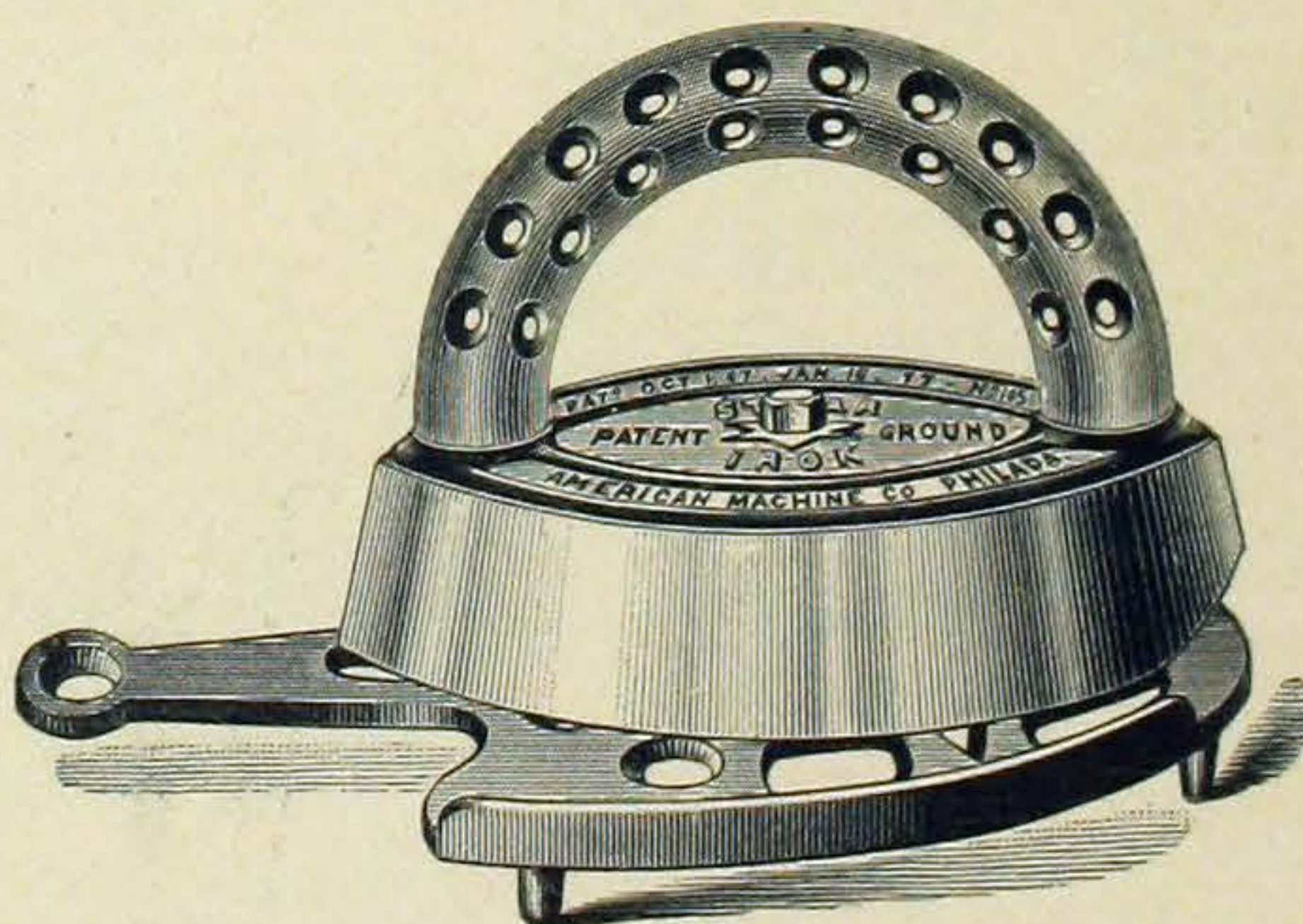
STAR POLISHER.

The above iron has all round edges like our Chinese Polisher, but without the detachable wooden handle, a perforated fixed iron handle being substituted instead.

It is adapted for laundry and general polishing purposes.

No. 72, Nickel plated, weighs about 3 lbs.,	per doz.,	\$9 00
" 77, Plain polished, " 3 "	" "	6.75

Packed one or two dozen in a case.



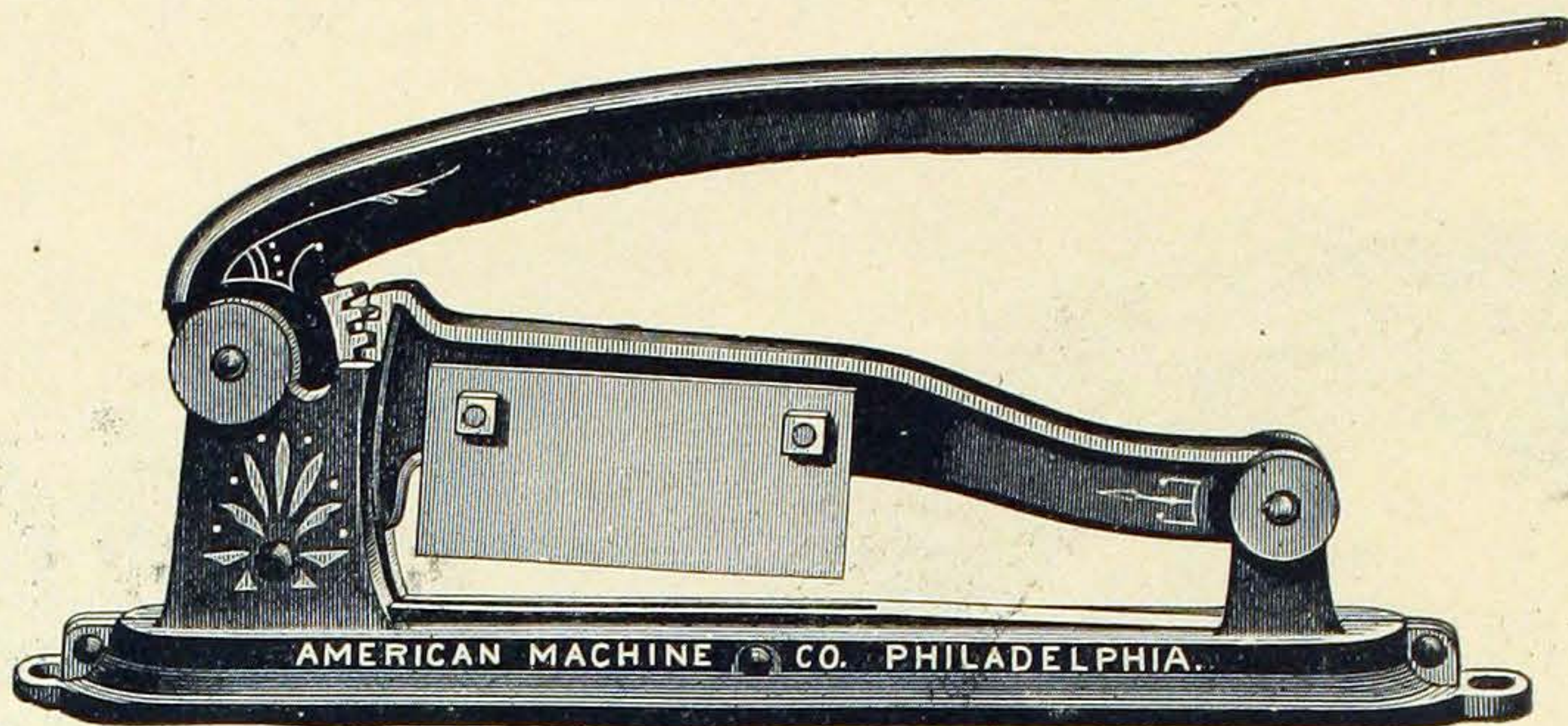
GIRLS' STAR TOY IRON.

These irons have one end rounded, and are useful for ironing or polishing small articles, silk hats, etc., and are a fine toy. A stand is furnished with each iron.

No. 100, Nickel plated, weighs 2 lbs. each,	per doz.,	\$6.25
" 105, Plain polished, " 2 " "	" "	4.75
" 110, Nickel plated, " 14 oz. "	" "	4.50
" 115, Plain polished, " 14 " "	" "	3.75
" 120, Nickel plated, " 5 " "	" "	2.50
" 125, Plain polished, " 5 " "	" "	1.75

Packed two or three dozen in a case.

The American Tobacco Cutter.



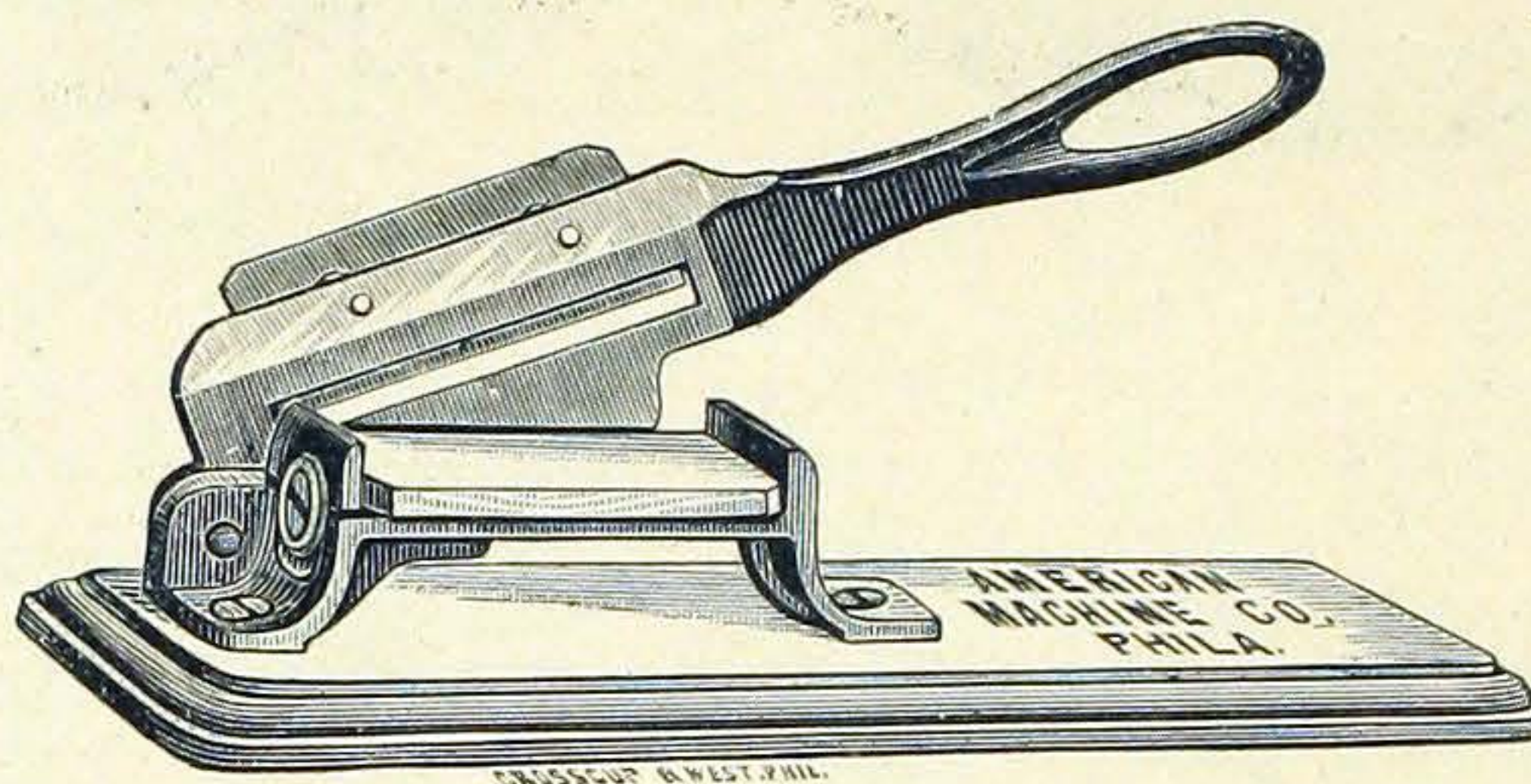
Is a simple and efficient machine. It has a knife $4\frac{1}{2}$ inches wide, and will cut any thickness, from $1\frac{1}{4}$ inches down, with ease, leaving a clean edge.

Price,

per dozen, \$15.00

Packed one in a wooden box, crated in packages as desired.

The American Tobacco Shave.



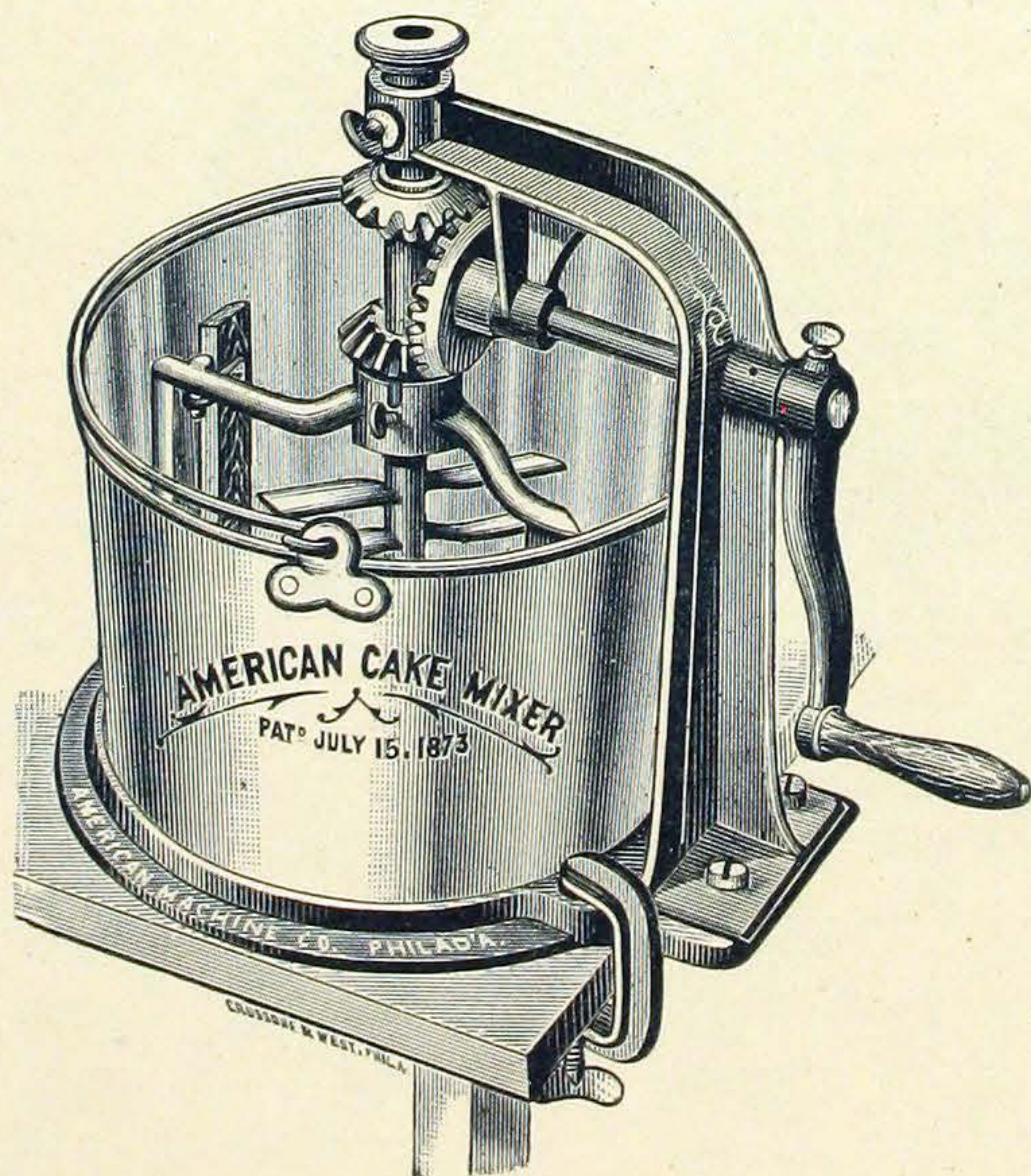
For making fine cut from plug. Can be changed to cut finer or coarser by loosening the screws and moving the knife in or out, and moving the wooden block to suit the knife by means of the screw at the side. Width of knife, $2\frac{1}{2}$ inches.

Price,

per dozen, \$9 00

Packed one dozen in a case.

The American Cake Mixer.



This machine is intended to beat up to the necessary lightness the batter for cakes, pastry and similar good things, in place of the laborious method of mixing the same by hand.

It mixes all the different ingredients more thoroughly and with less effort, in one-fourth the time and better than can be done by hand. It is also recommended for cleanliness, as by using it there is no necessity for putting the hands in the batter.

The machine is fastened to the edge of the table by clamps. The handle is turned to the right, and the ingredients are put in pan in same order as in mixing by hand. The turning is continued until batter is light enough. The central dasher with the arms turning in one direction, and the scraper in the opposite one, produces a thorough and quick beating of the mixture. The wooden scraper keeps the side of pan perfectly clean.

We recommend this machine, and guarantee it to give satisfaction for all kinds of mixtures where a thorough beating of the ingredients to insure lightness speedily and with little physical effort is an object.

Besides machines for family use, we manufacture large sizes for confectioners, bakers, etc.

No. 6, (Pan holding 6 quarts), . . . \$3.50 each.

Packed one in a box.

AGENTS FOR
SLAYMAKER, BARRY & CO.,
Diamond Lock Works,

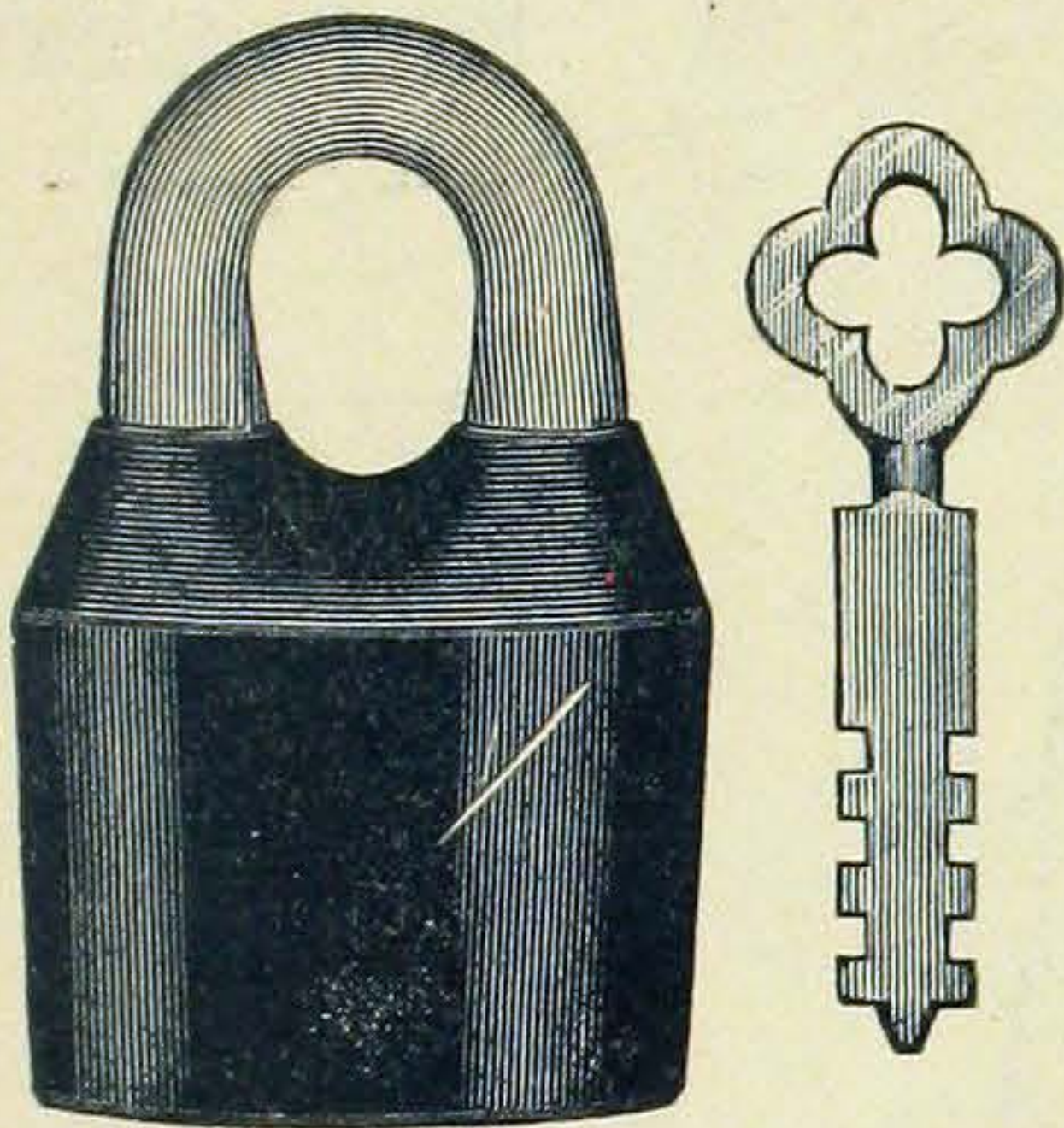
MANUFACTURERS OF
THE ONLY SELF-LOCKING SCANDINAVIAN PADLOCKS.

Patents: July 24, 1888, Oct. 30, 1888, Dec. 31, 1889, Feb. 11, 1890, Pending since Aug., 1889.

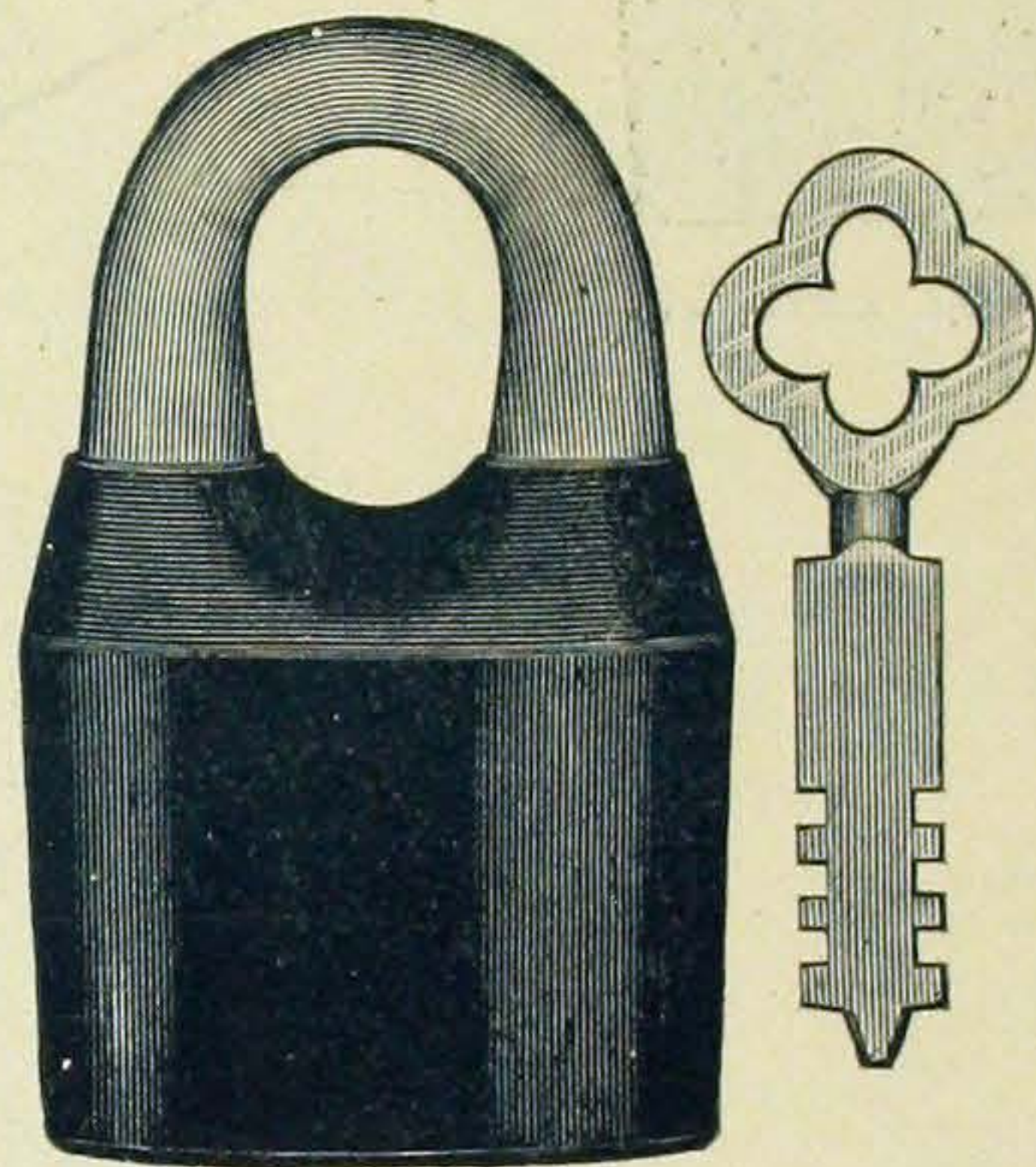
Self-Locking Scandinavian Padlocks.

MAROON FINISH AND POLISHED SHACKLES

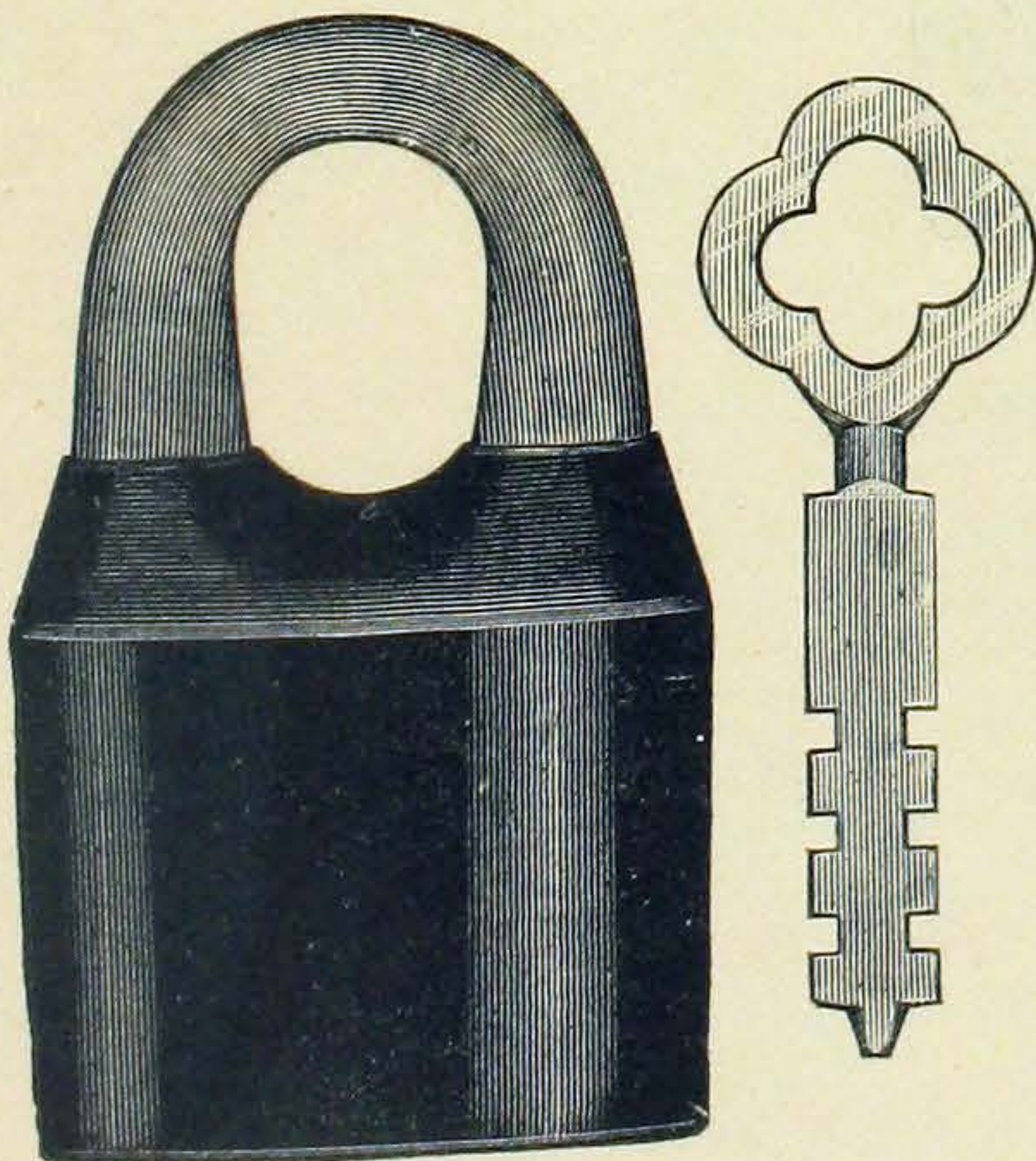
Fast Shackles and Self-Locking, with two Light Cast Steel Keys each, of entirely new and attractive design.



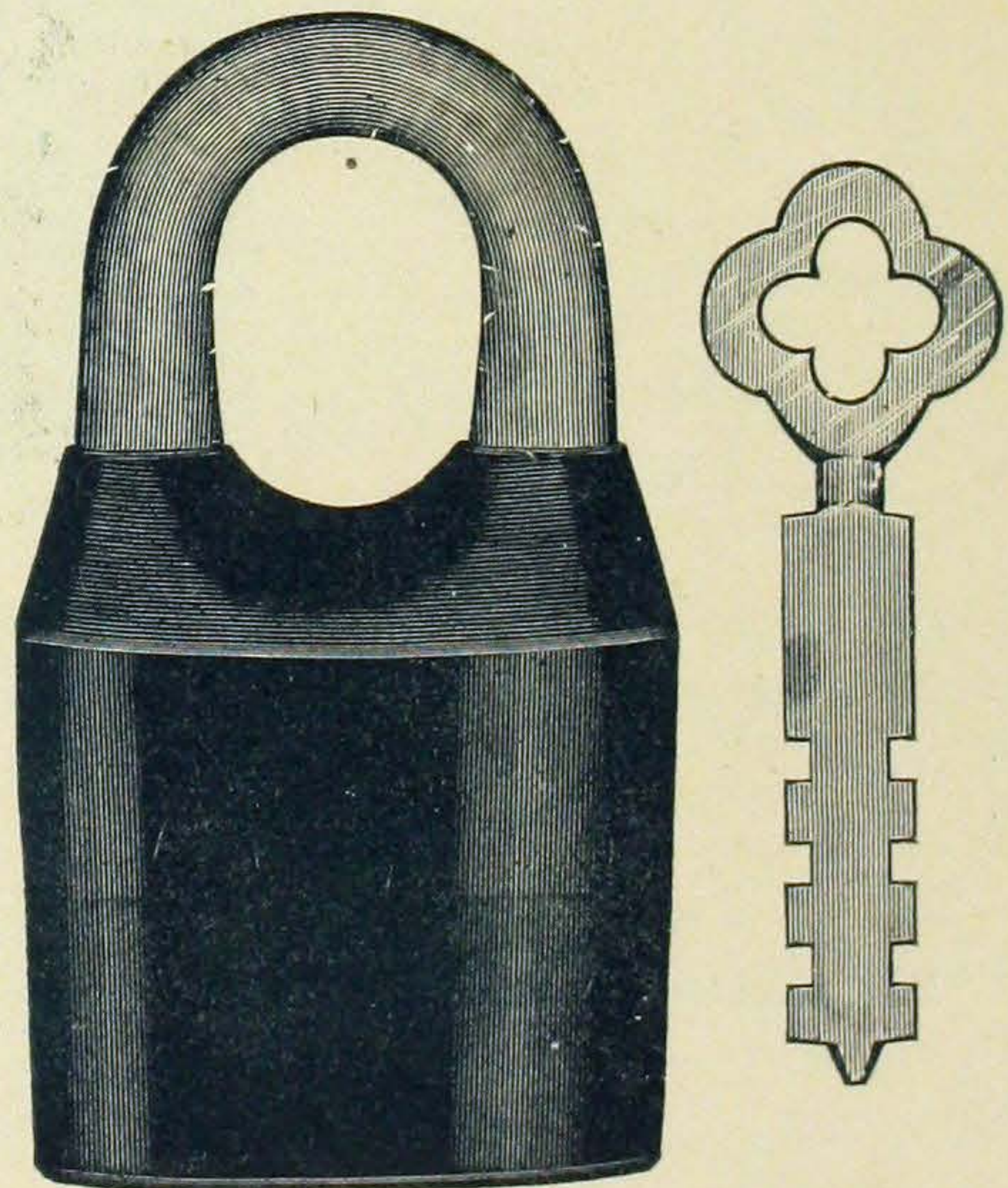
No. 1010.



No. 1011.



No. 1012.



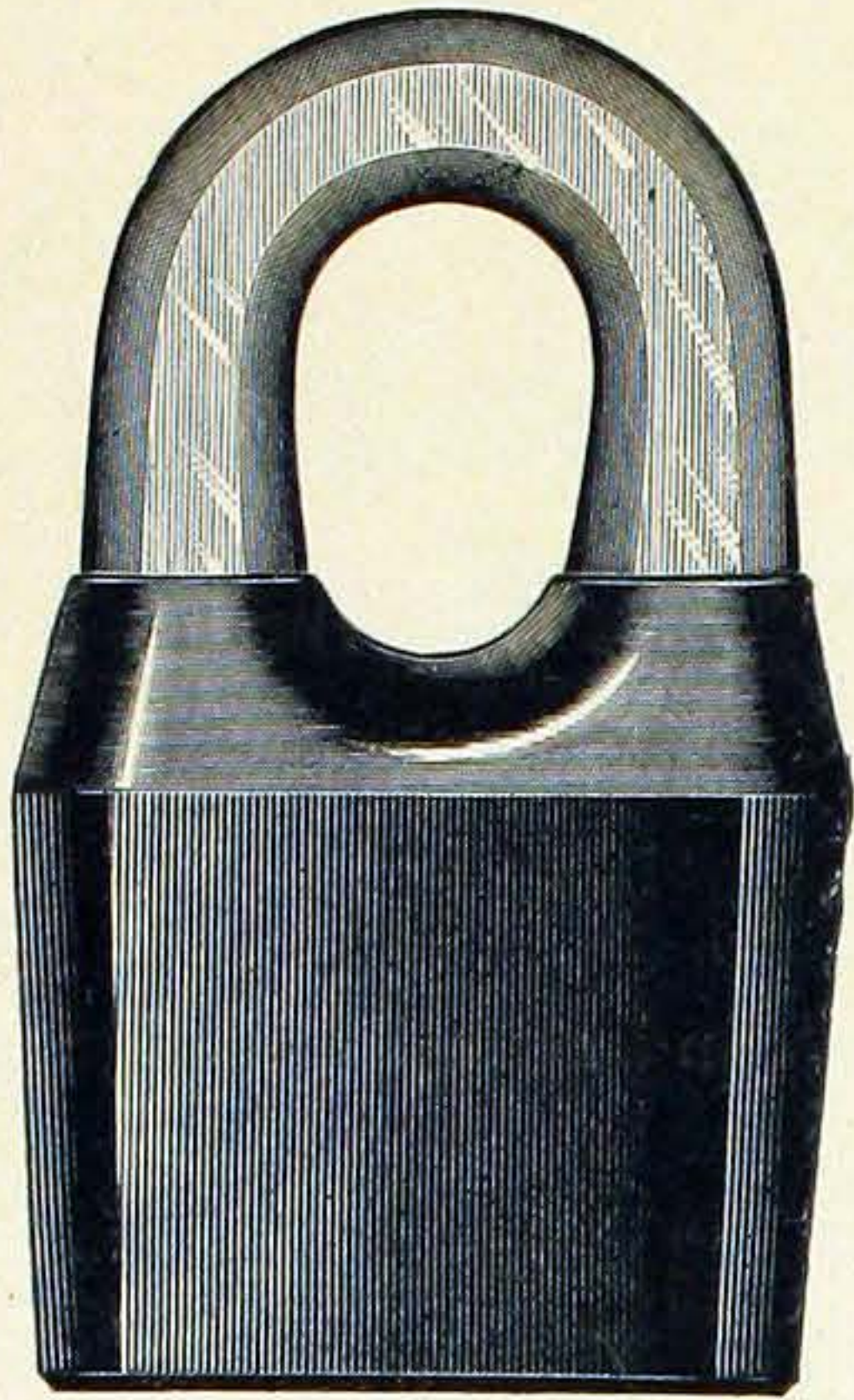
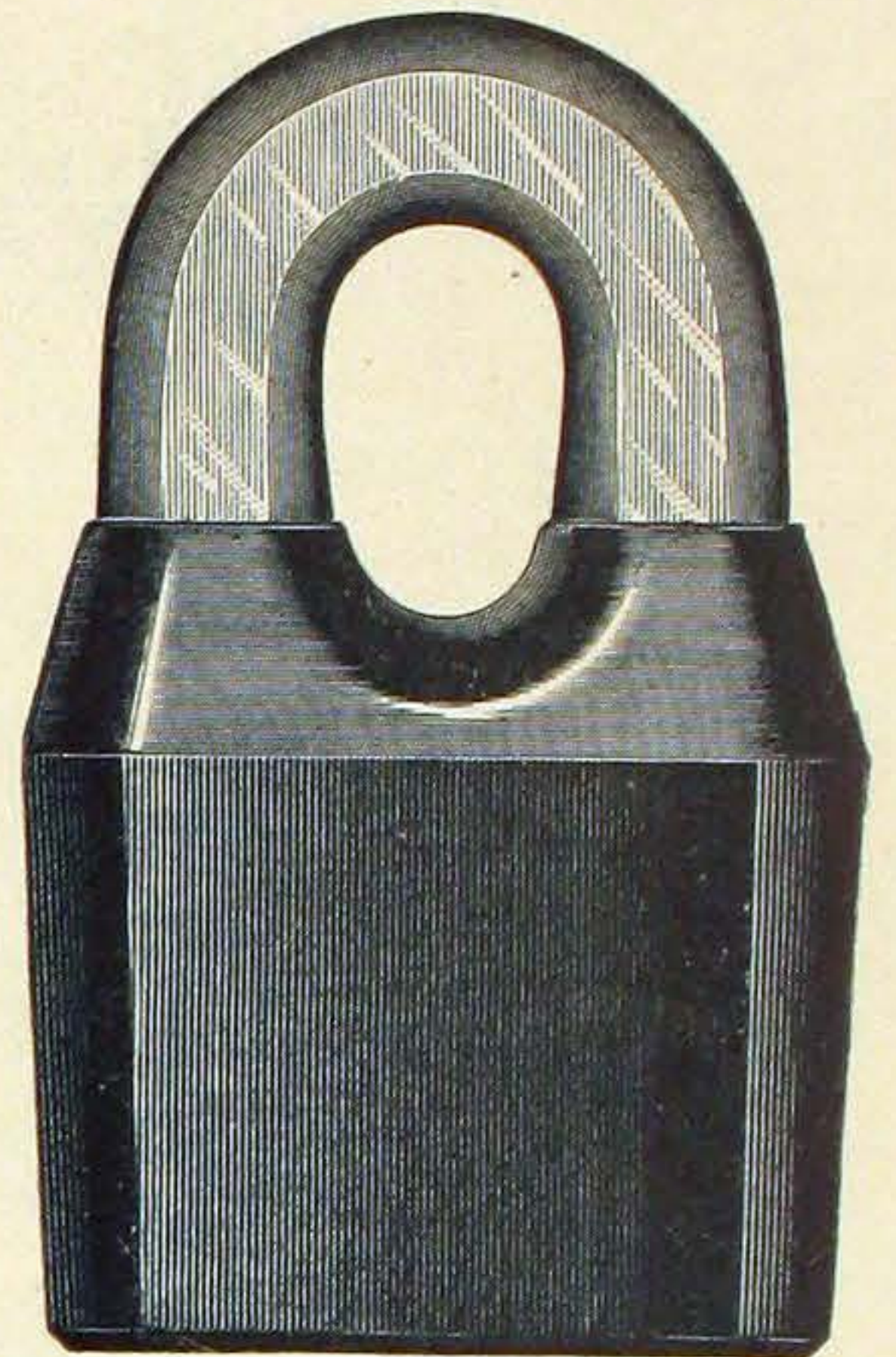
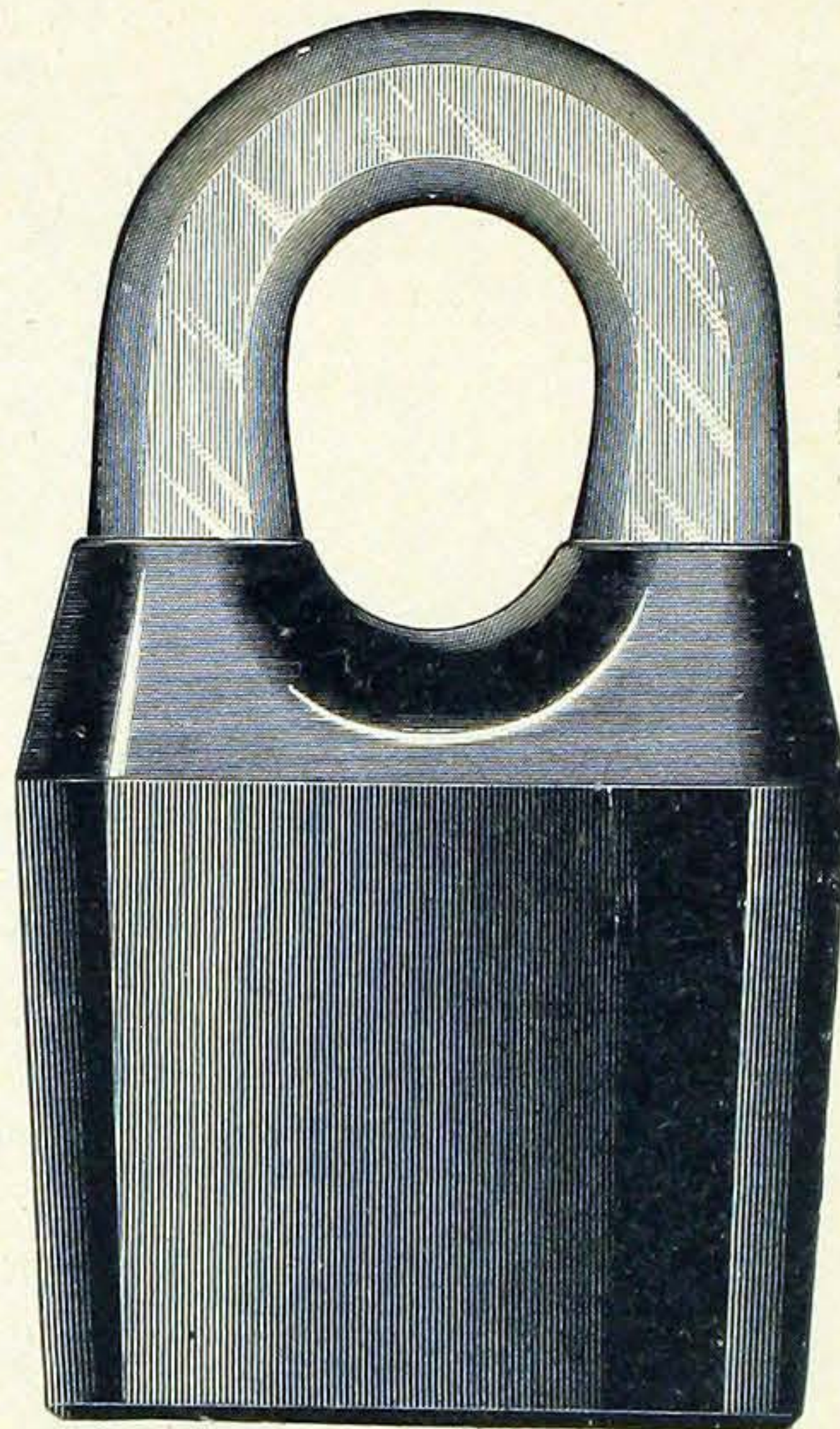
No. 1013.

No. 1010,	Maroon Finish,	fast	polished	Shackle,	two	Keys,
" 1011,	"	"	"	"	"	"
" 1012,	"	"	"	"	"	"
" 1013,	"	"	"	"	"	"

Per dozen,	\$8.00
"	9.00
"	11.00
"	13.00

Self-Locking Scandinavian Padlocks.

CUTS FULL SIZE.

**Nos. 21, 41 and 61.****Nos. 22, 42 and 62.****Nos. 23, 43 and 63.****Malleable Iron—Black Finish.**

No. 21.	Nickel plated, fast shackles, two flat steel keys,	per dozen, \$ 9.00
" 22.	" " " " " " " " " " " "	" 11.00
" 23.	" " " " " " " " " " " "	" 13.00

Solid Brass—Highly Polished.

No. 41.	Fast shackles, two nickel plated flat steel keys,	per dozen, \$ 9.00
" 42.	" " " " " " " " " " " "	" 11.00
" 43.	" " " " " " " " " " " "	" 13.00

Brass Cases.

No 61.	Nickel plated fast shackles, two flat steel keys,	per dozen, \$ 9.00
" 62.	" " " " " " " " " " " "	" 11.00
" 63.	" " " " " " " " " " " "	" 13.00

All the above locks made with chains, if wanted, at a slight advance in price.

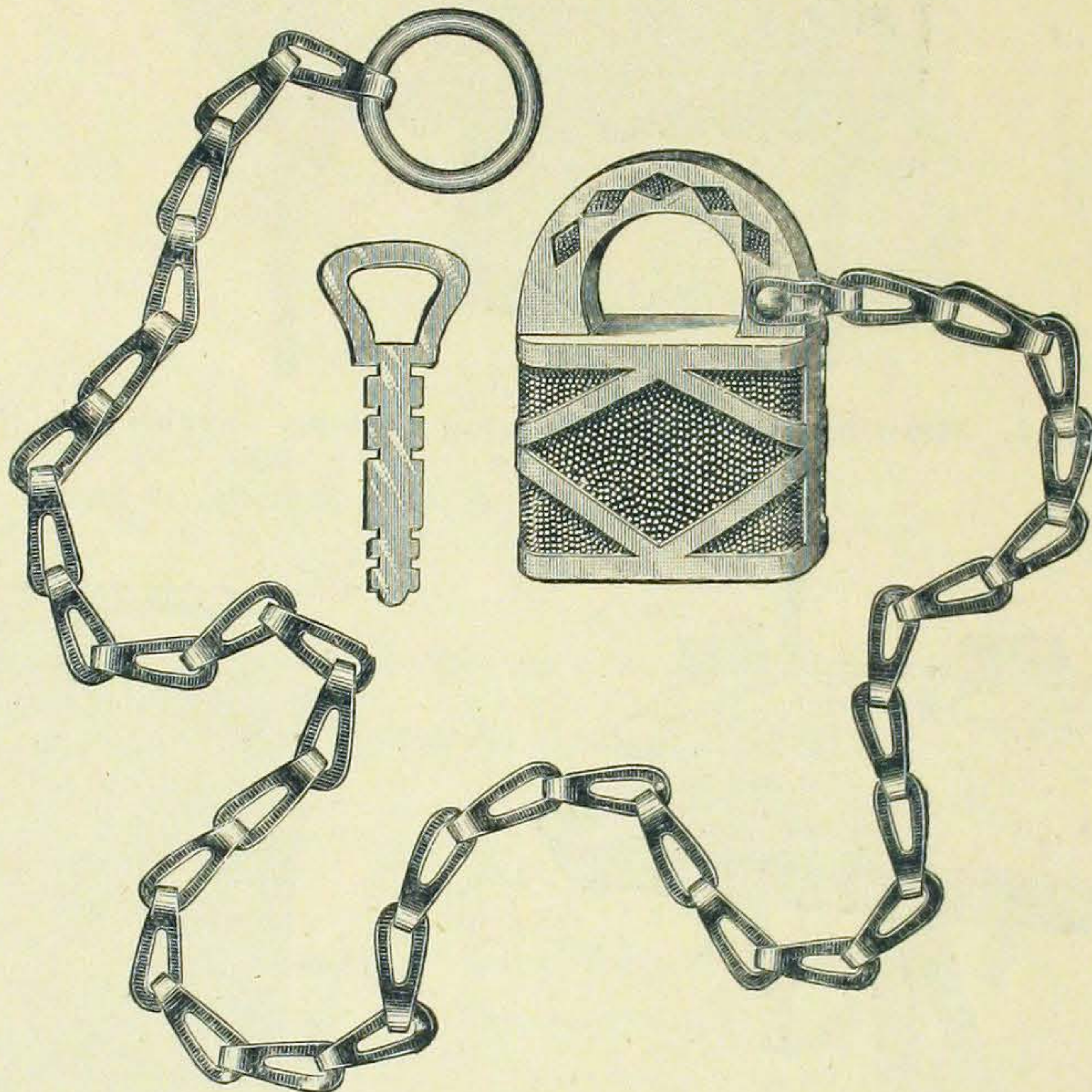
Pure Aluminum Metal and Brass Metal BICYCLE PADLOCKS.

Aluminum, being the lightest of metals (about one-fourth the weight of bronze metal), and of a beautiful white color, susceptible of a very high polish which dims but little in handling, neither water nor salt, nor but few acids, affecting it, and possessing great strength, is the ideal metal of which to make locks for bicycles, etc. We offer the only Aluminum padlock (illustrated below) on the market, in a very handsome design and beautifully finished, with such interior works as to render it perfectly secure and very durable. The same lock made also in brass metal, as noted below.

Made in both metals, either with a brass chain, 14 inches long, with a solid brass ring on the end for bicycles, hand satchels, etc., or without chains, for general use.

Spring, Self-Locking, Spring Shackle, Two Rolled Steel Keys, Cut, to Each Lock.

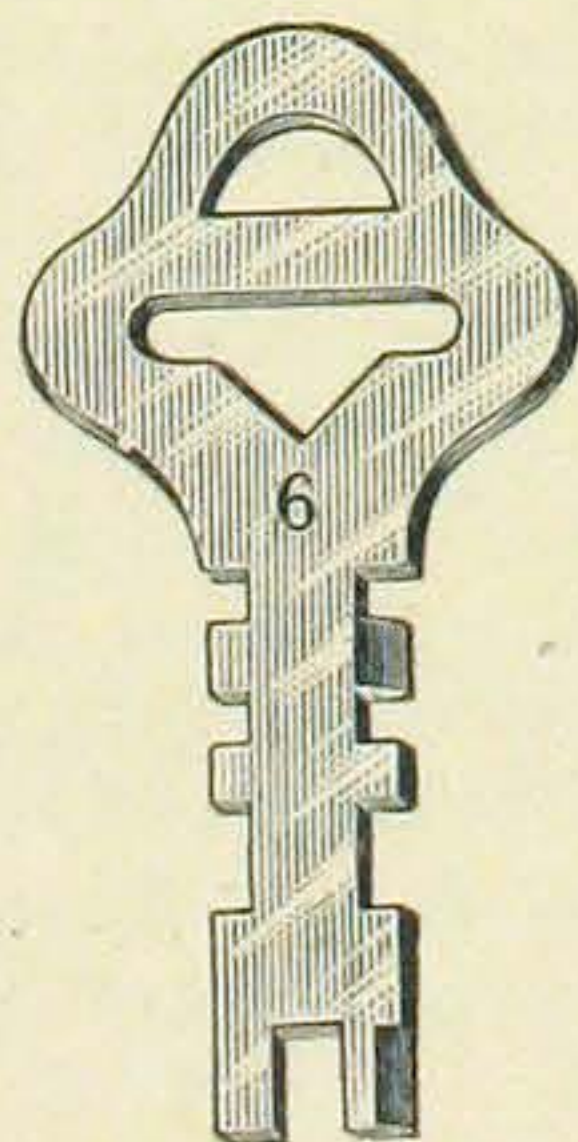
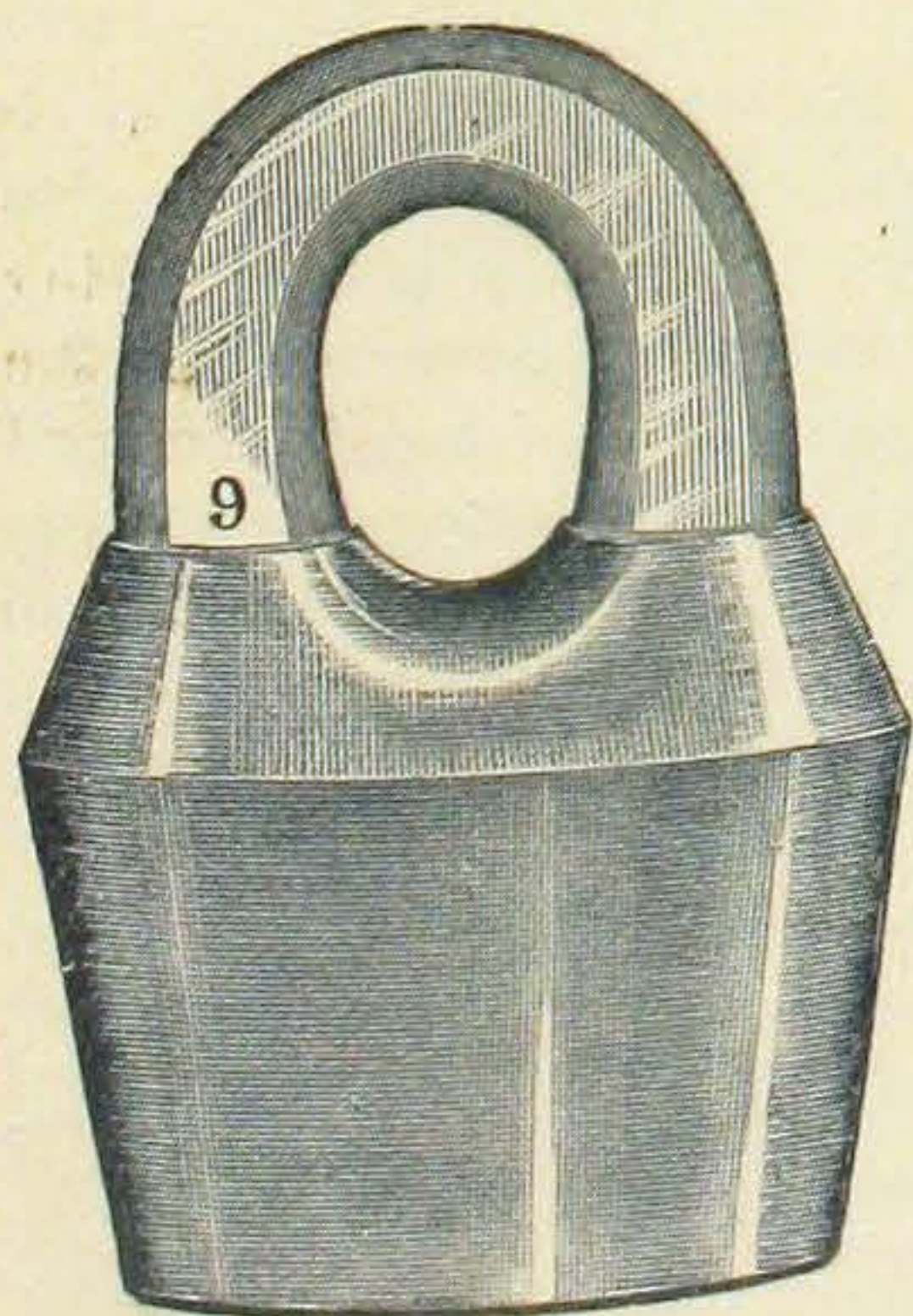
(PATENT MARCH 8th, 1892.)



All pure ALUMINUM METAL, without chains,	No. 0724,	Per Dozen, \$4.80
All pure ALUMINUM METAL, with brass chains, as described above, nickel plated,	No. 07240,	" 5.90
All BRONZE METAL, without chains,	No. 724,	" 4.00
All BRONZE METAL, with brass chains, as described above,	No. 7240,	" 5.10

Double-Locking, Wedge-Compression, Tumbler ALL BRASS SCANDINAVIAN PADLOCKS.

(PATENT APPLIED FOR.)



The use of these compression tumblers result in a mechanically perfect lock, which is very secure, and the most durable key-locking Scandinavian Padlock ever put on the market.

All parts brass.
Highly polished.
Two nickel plated keys each.
Secured shackles.
Five compression tumblers.

No. 1892,

Per Dozen, \$3.50

DIAMOND
COMBINED
SOAP and BRUSH SAVING HOLDERS.

(PATENT APPLIED FOR.)

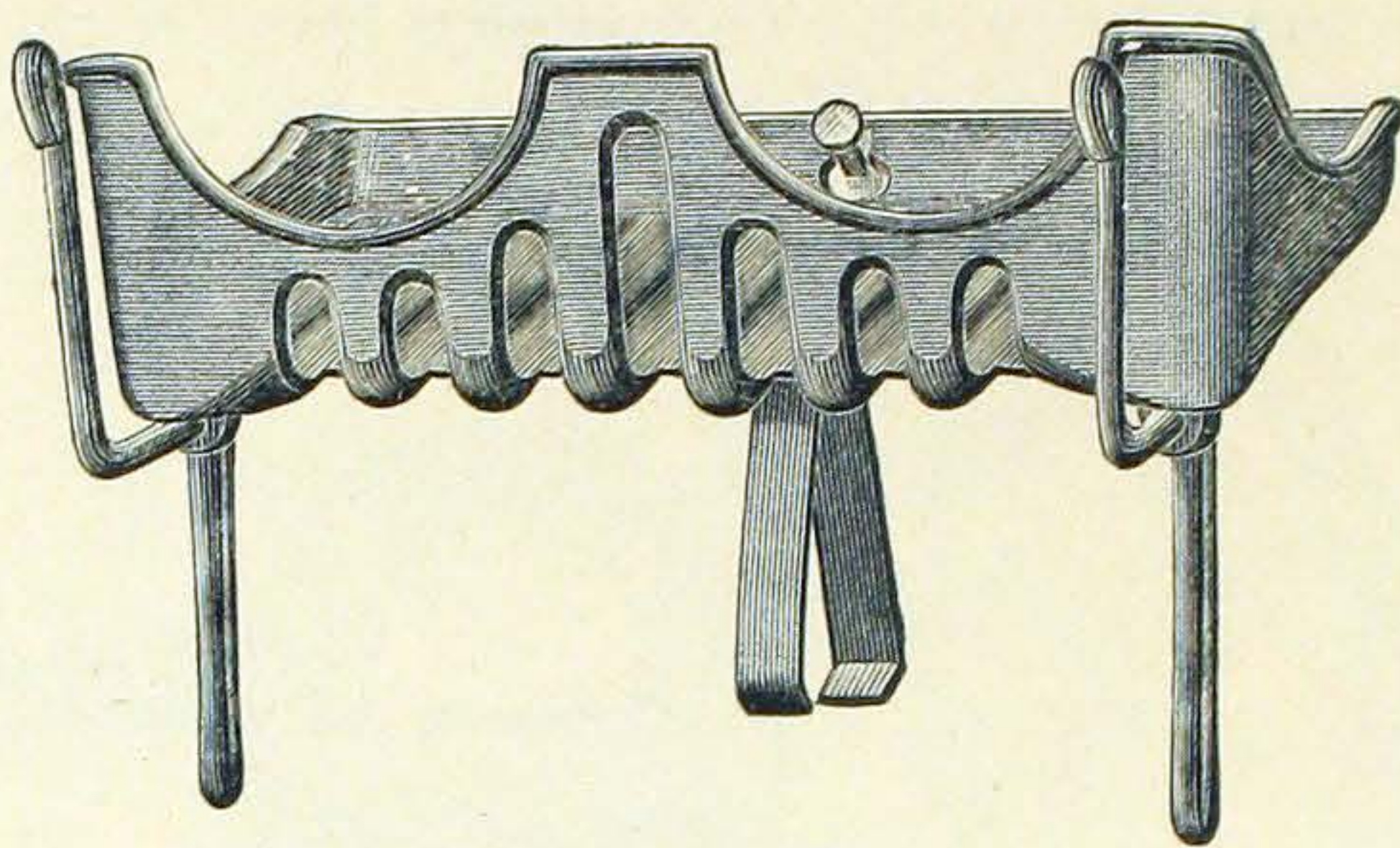


Fig. 1. Showing the holder hanging without anything in it.

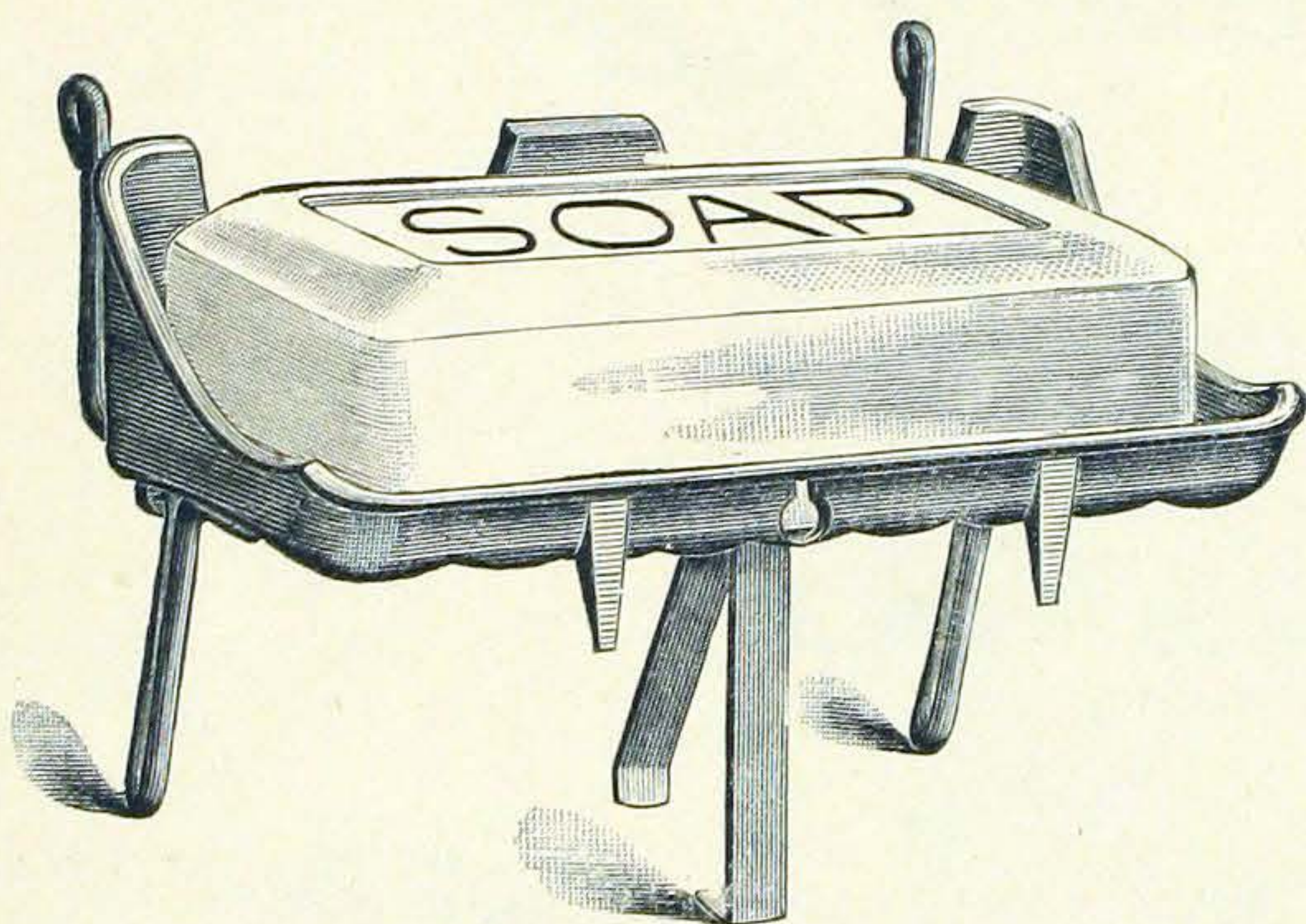


Fig. 2. Showing the holder sitting on its feet, with soap only in it.

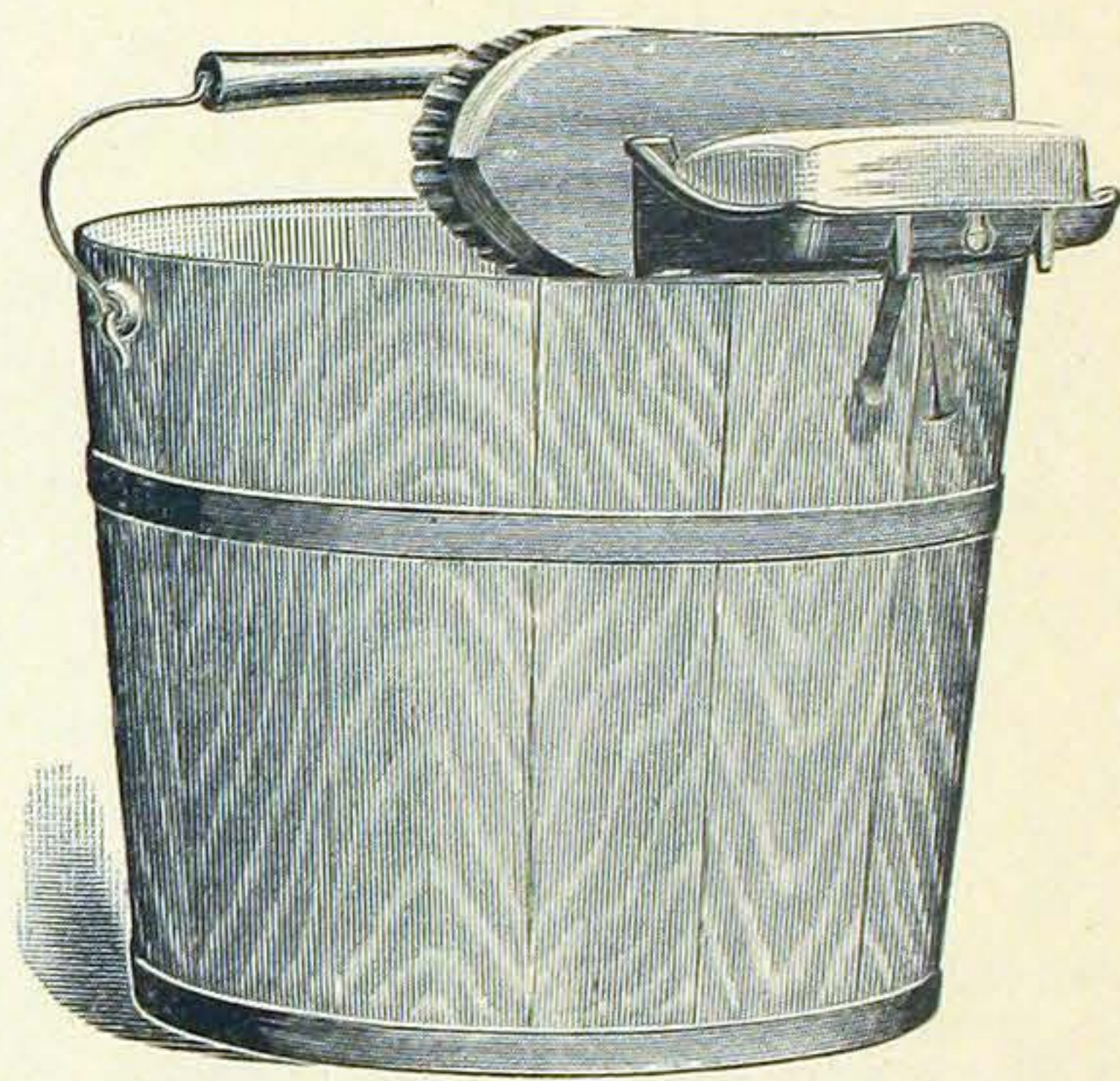


Fig. 3. Showing the holder clasp top of bucket, with both soap and brush in it.

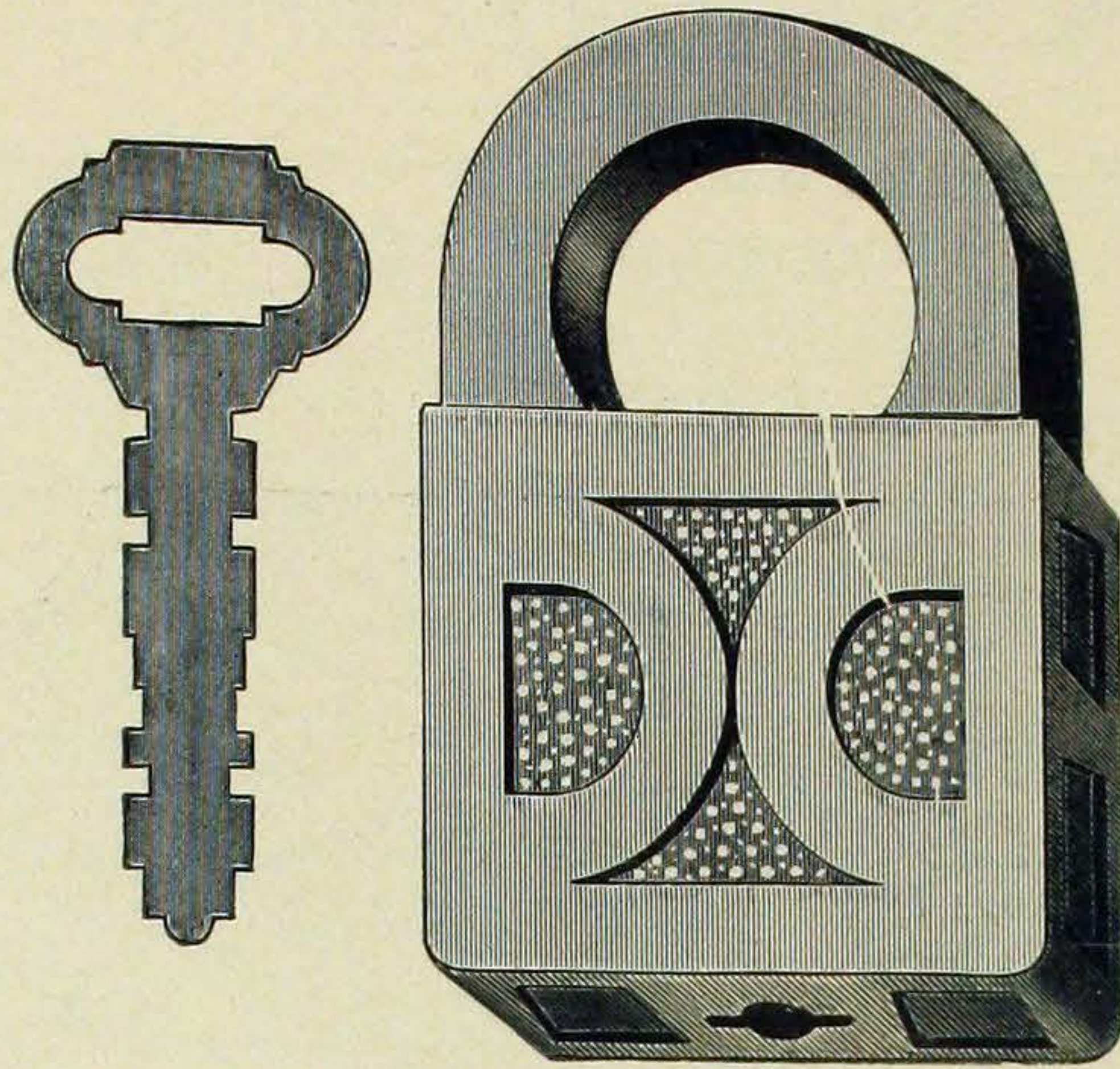
It is hardly necessary to refer to the fact that this article will soon pay for itself many times over, as it does not take long for a cake of soap to dissolve, or the back and bristles of a brush to be loosened, when left in the water in a bucket, as is usually the case.

Size of Soap Holder, 5 by 3 $\frac{1}{4}$ inches. Brush Bracket on rear of Soap Holder is so made as to hold either the thickest or thinnest of brushes. Back legs are two wires doubled, as shown, which clasp inside of bucket, while the inside arm of double spring, in front, firmly clasps the outside of bucket, and allows for varying thickness of same. The outside arm of spring serves as the third leg of the holder when sitting down. The little projections on each side of the spring serve to retain the holder in proper position when hanging. The shape of back of Soap Holder is such that soap can be readily and easily grasped under all circumstances. When placed on a bucket the front of the Holder is higher than the back, thus draining all moisture which may be on the soap when placed in the Holder, back into the bucket. The Brush Holder is right over the bucket, so that all water from it drips into the bucket. The wires of Brush Holder, being single wires, pass between the rows of bristles, thus compressing none of them. The Soap Holder is made of iron, very light, the complete holder weighing less than $\frac{1}{2}$ pound.

The whole forms a perfect combination, and one of the most useful household articles ever put on the market.

Packed in cases containing a gross each, and in smaller cases containing $\frac{1}{2}$ gross each, in which latter package an additional charge of 15 cents for casing is made.

Self Locking, Gun Metal, Spring Padlocks.



No. 427. Two Keys.

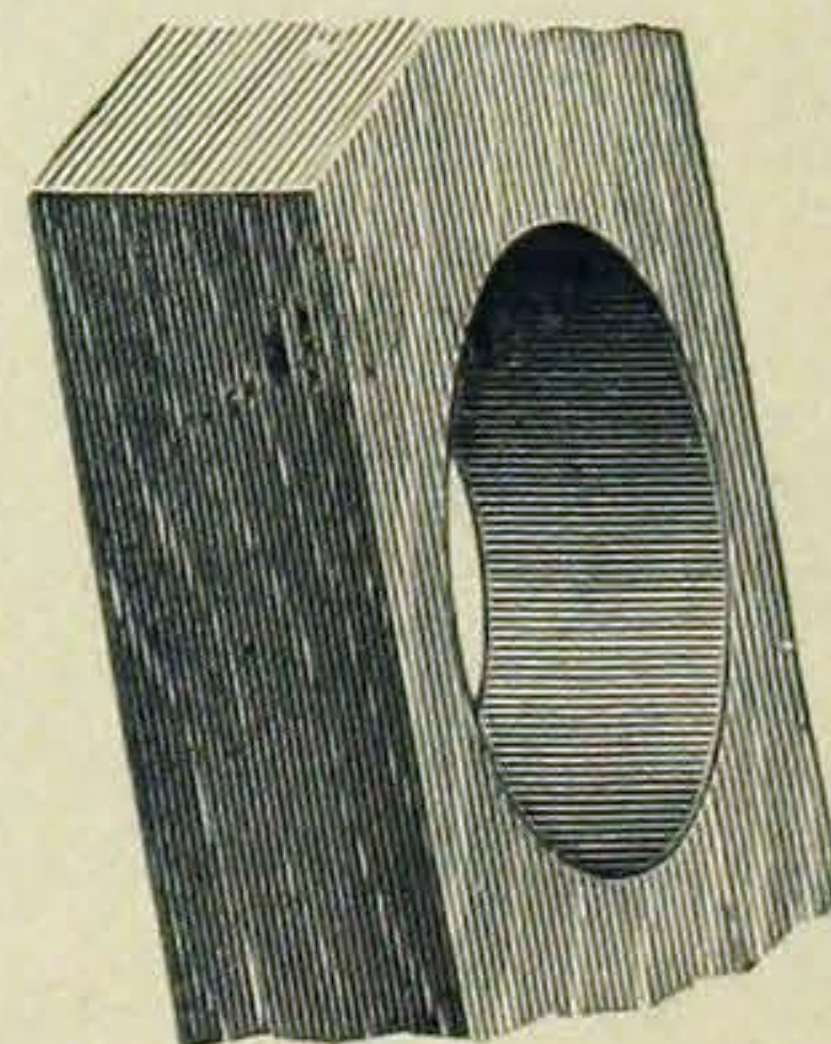
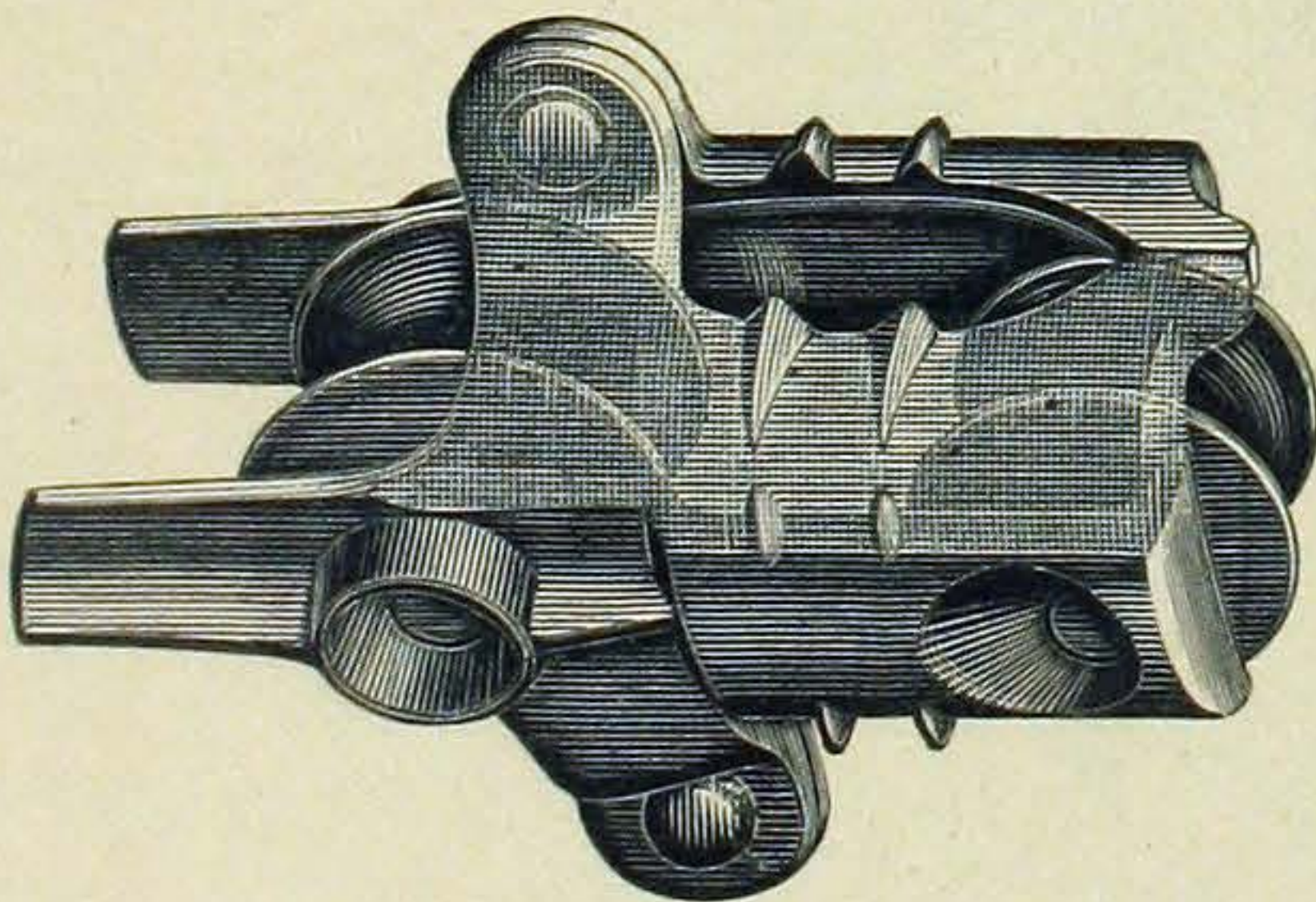
No. 427.	Finish No. 1, Polished bronze,	per dozen, \$15.00
" 427.	" " 2, Brown background, raised parts, polished bronze,	" 15.00
" 427.	" " 3, Black " " " " " " " " " "	" 15.00
" 427.	" " 4, Green " " " " " " " " " "	" 15.00

Any number of changes can be made with master-keys.

Any of these made (also) with chains at slight advance in price.

Lancaster "Drive" Sash-Pulleys.

(PATENT PENDING.)



A round $1\frac{1}{8}$ inch hole is bored through an inch board ; drive the pulley, from the weight box, until the shoulder strikes the wood, when the front will be flush with the face of the frame ; it will then be fastened so securely (**no screws being used**) that it will be an impossibility to get it out without splitting the wood. The feet, on the back, about touch the back of the weight box ; the shoulder is against front, and the little projections prevent it from turning. No mortising needed.

We have two pulleys. Is it not far more easy to balance sash with two pulleys than with one, and will a sash not work more smoothly and stay just where you want it better?

A perfect guard is formed, for the cord, by the sides and top of the case, and the outer edge of the back pulley is about in the middle of the weight box, thus compelling the weight to move freely up and down, and not slide along the sides of the box.

per gross, \$4.00

List,

AGENTS FOR
ROMER & CO.

MANUFACTURERS OF

PADLOCKS, NIGHT LATCHES, ETC.

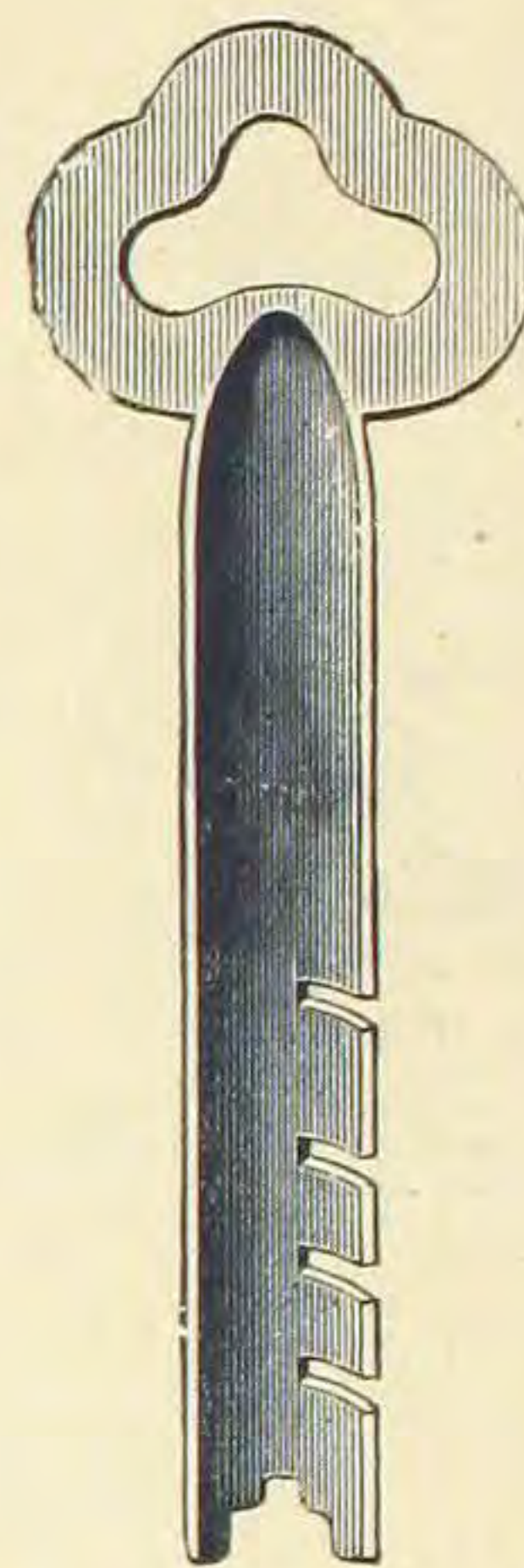
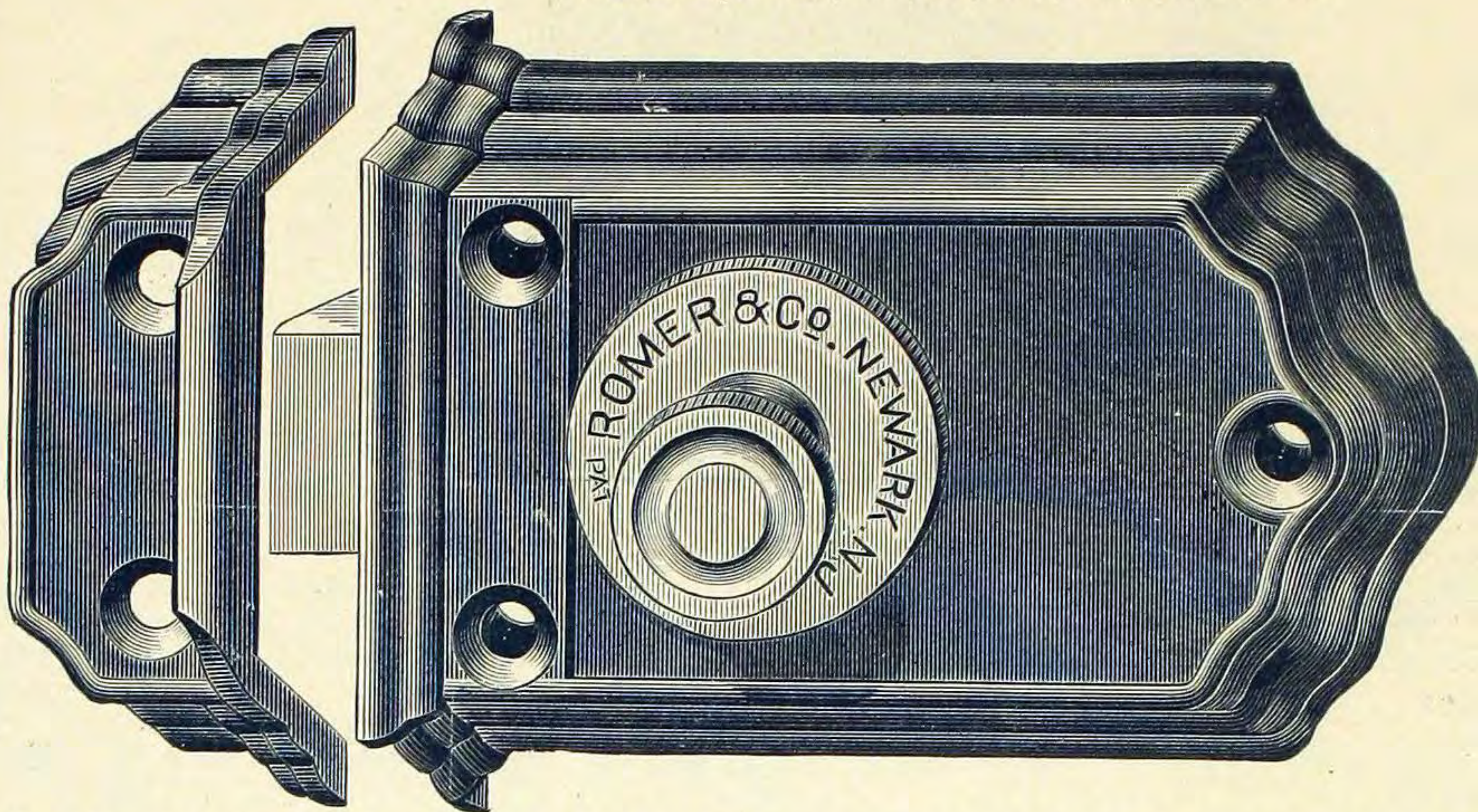
Patent Horizontal Rim Cylinder Reversible Night Latch.

WITH PATENT SEMI-CIRCULAR, PLATED STEEL KEYS.

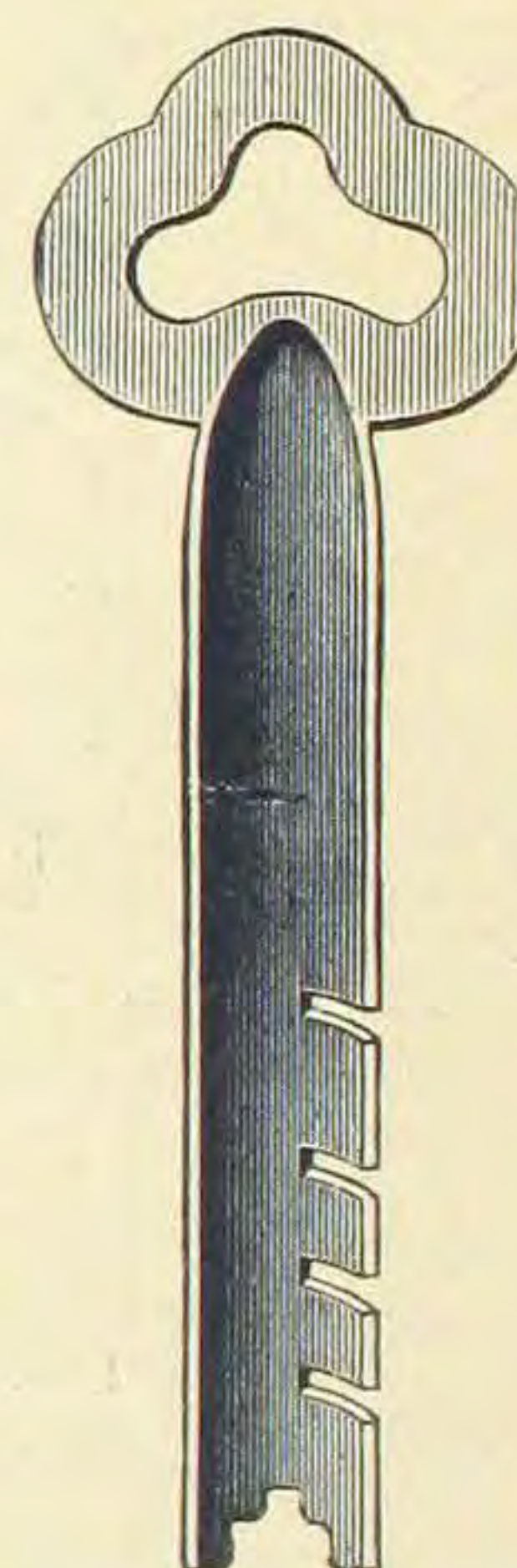
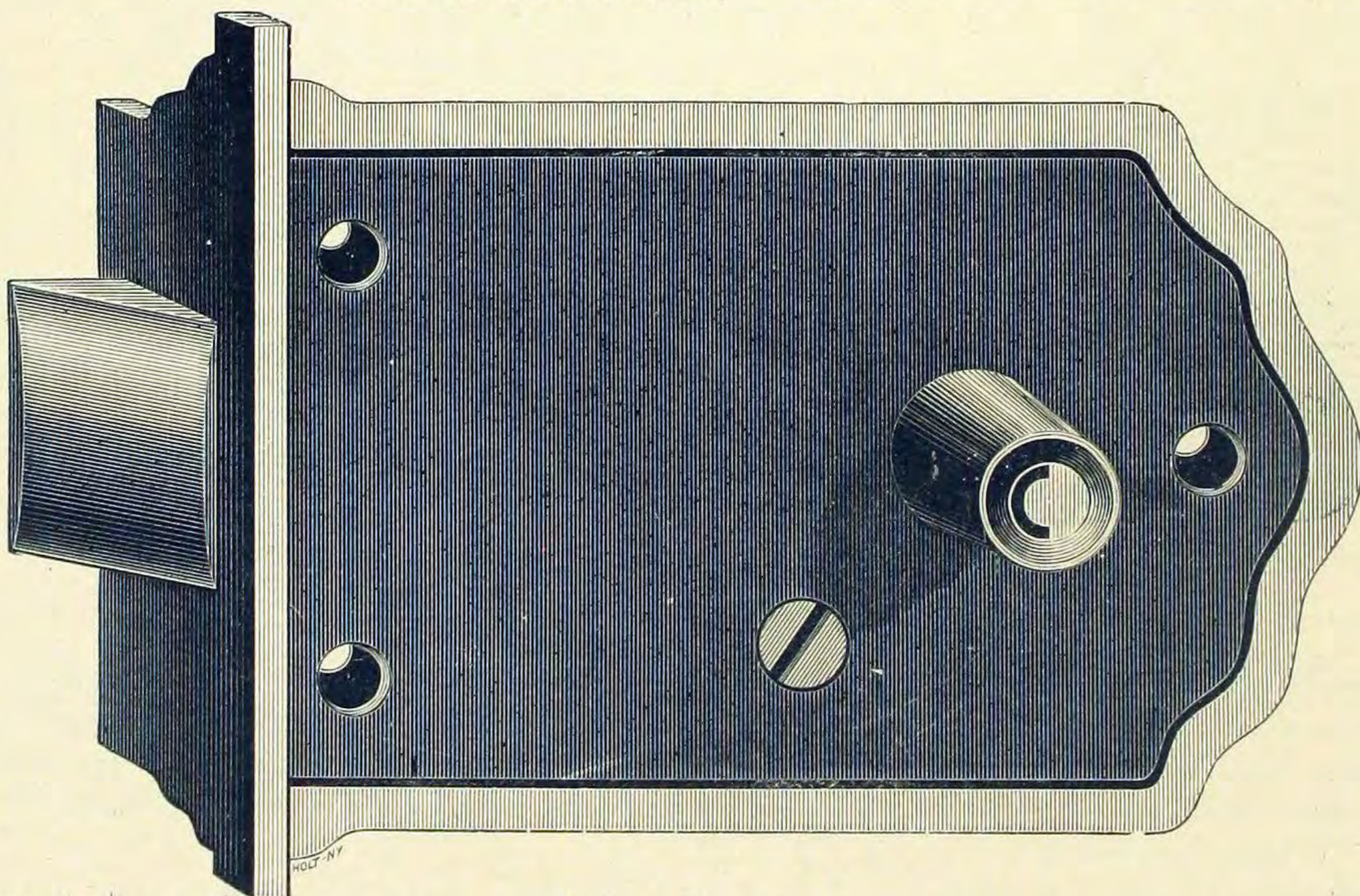
Adjustable to Right or Left Hand Doors. From $\frac{5}{8}$ to $1\frac{3}{4}$ Inch Thick.

MADE REVERSE WHEN ORDERED.

Patented April 28th, 1885, May 26th, 1885, June 2d, 1885.



No. 600.	Size $3\frac{3}{4} \times 2\frac{3}{8}$.	Iron bolt, bronze escutcheon, two nickel-plated patent semi-circular steel keys, draw-back knob, which stops the latch by turning,	per dozen, \$6.50
" 601.	" $3\frac{3}{4} \times 2\frac{3}{8}$.	Same as No. 600, with nickel plated knob and escutcheon,	" 7.25
" 602.	" $3\frac{3}{4} \times 2\frac{3}{8}$.	Same as No. 600, with bronze bolt, nickel plated knob and escutcheon,	" 8.25
		Keys fitted to above latches,	" 1.40
		Blank keys for above latches,	" .75



No. 605.	Size $4\frac{1}{2} \times 3\frac{1}{4}$.	Iron bolt, bronze escutcheon, two nickel plated patent semi-circular steel keys, draw-back knob, which stops the latch by turning,	per dozen, \$8.50
" 606.	" $4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 605, with nickel plated knob and escutcheon,	" 9.25
" 607.	" $4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 605, with bronze bolt, nickel plated knob and escutcheon,	" 10.50
		Keys fitted to above latches,	" 1.40
		Blank keys for above latches,	" .75

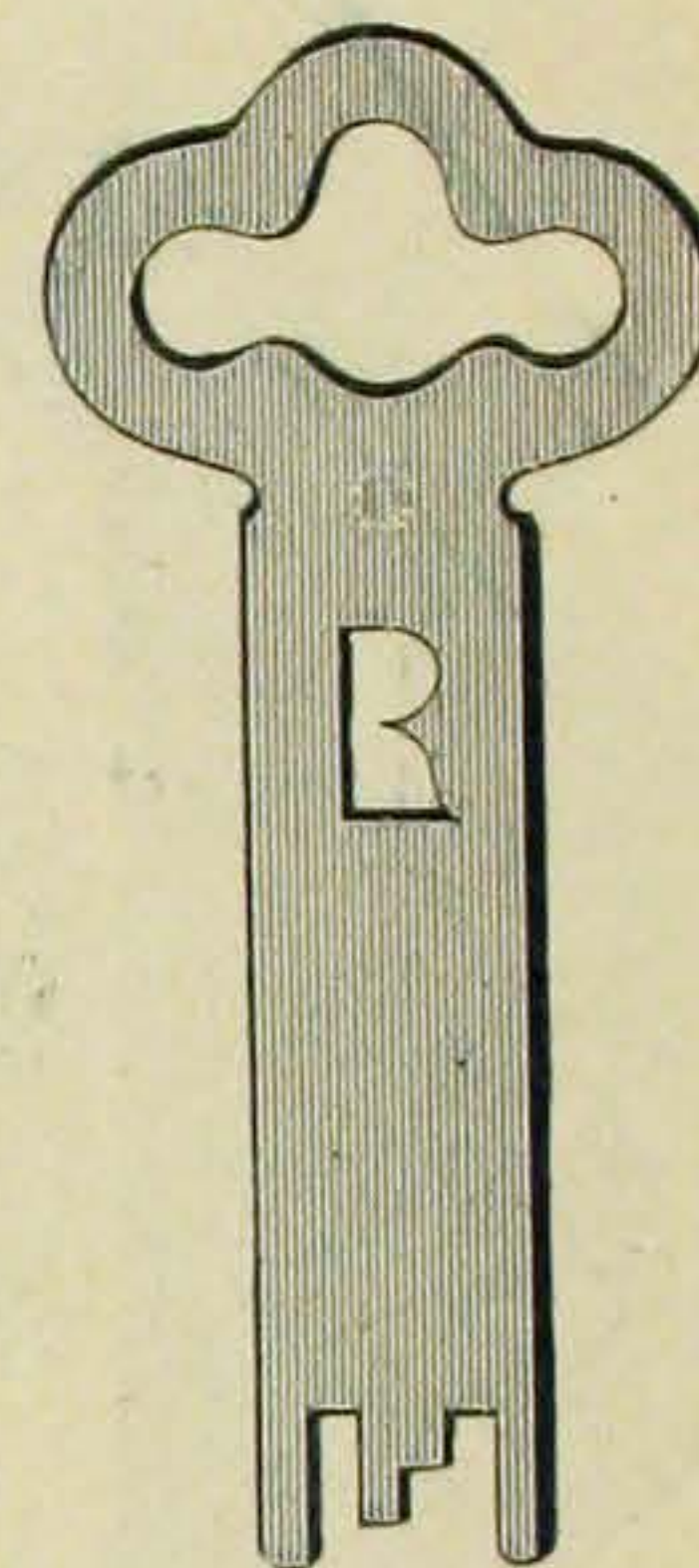
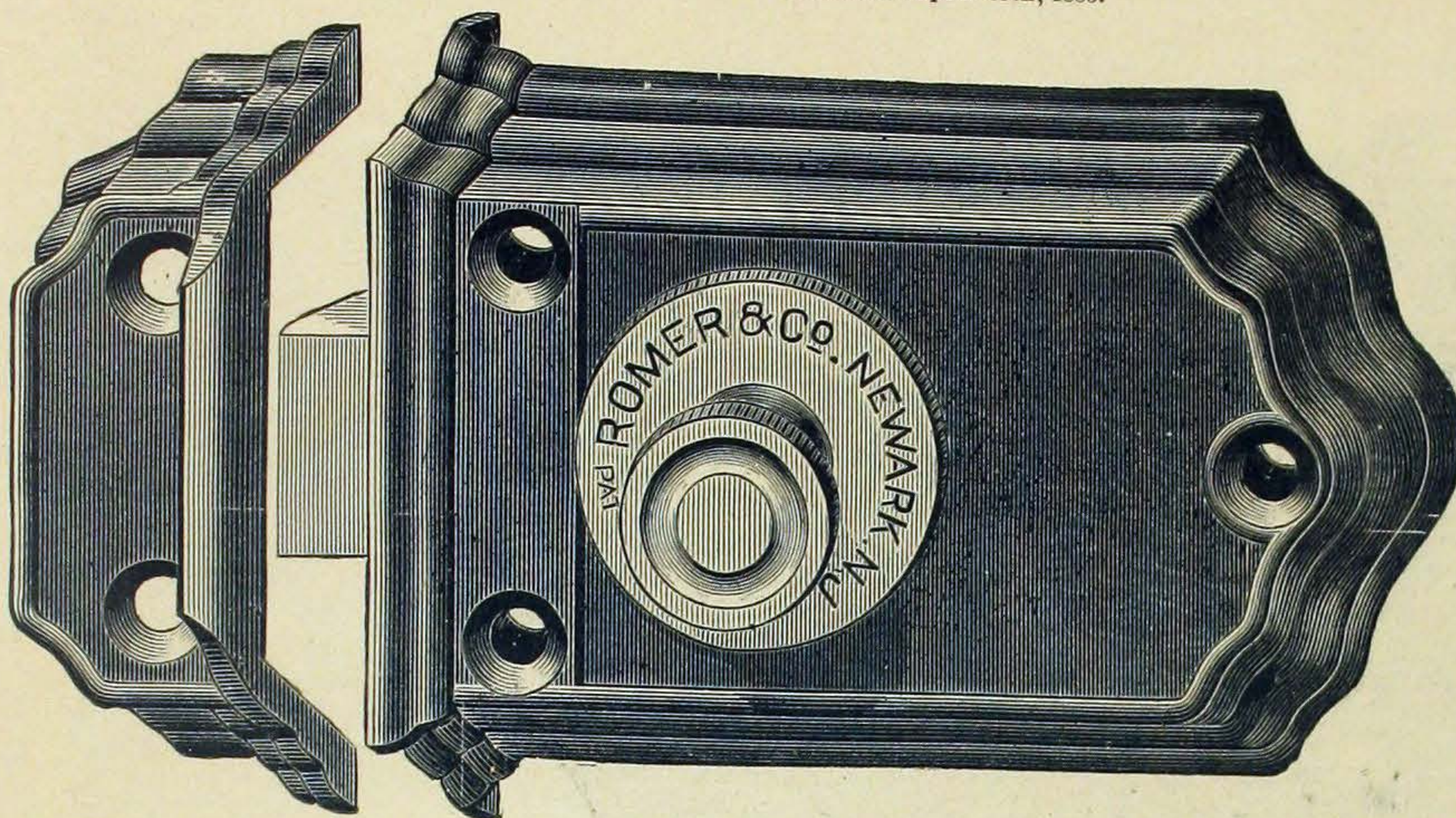
Latches packed complete $\frac{1}{4}$ dozen in a box. All our latches are reversible, but when ordered are packed with reverse bevel strikers.

Patent Horizontal Rim Cylinder Reversible Night Latches.

Adjustable to right or left hand doors of any thickness up to 2 inches.

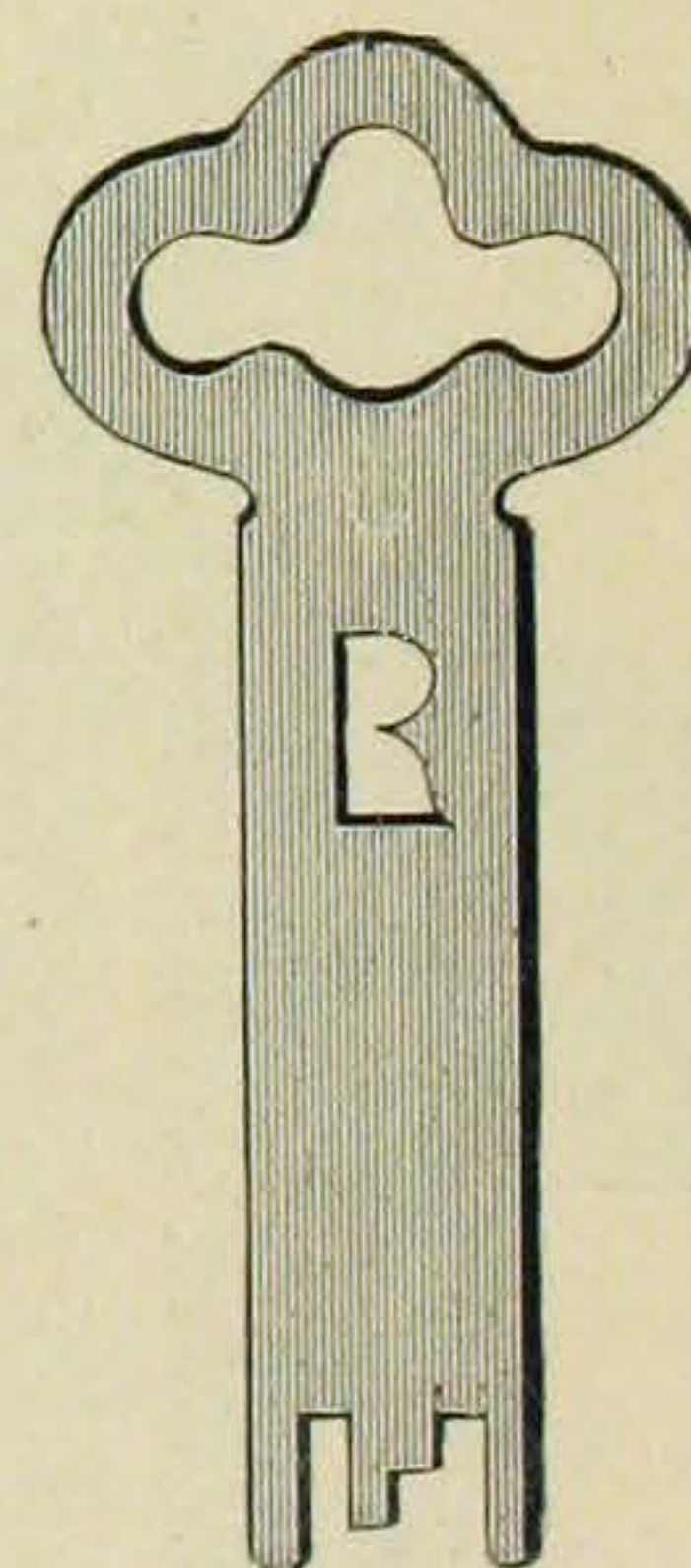
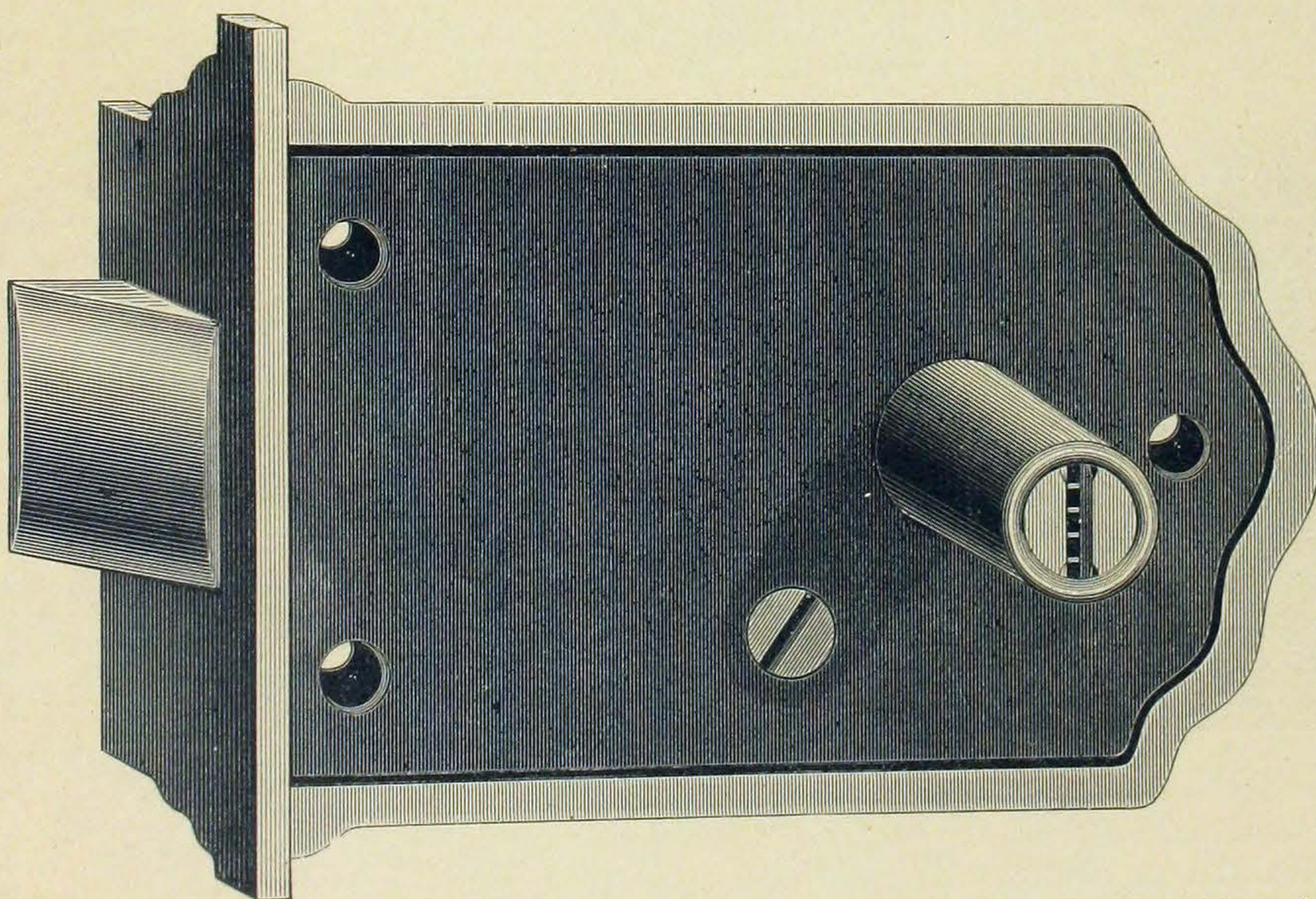
MADE REVERSE WHEN ORDERED.

Patented April 28th, 1885.



- | | | | |
|----------|--|---|-------------------|
| No. 610. | Size, $3\frac{3}{4} \times 2\frac{5}{8}$. | Extra heavy bronze bolt, bronze escutcheon, two nickel plated steel keys, four brass tumblers, drawback knob, which stops the latch by turning, | per dozen, \$9.00 |
| " 611. | " $3\frac{3}{4} \times 2\frac{5}{8}$. | Same as No. 610, with nickel plated knob and escutcheon, | " 10.00 |
| | | Keys fitted to above latches, | " 1.10 |
| | | Blank keys for above latches, | " 50 |

Latches packed complete one in box.



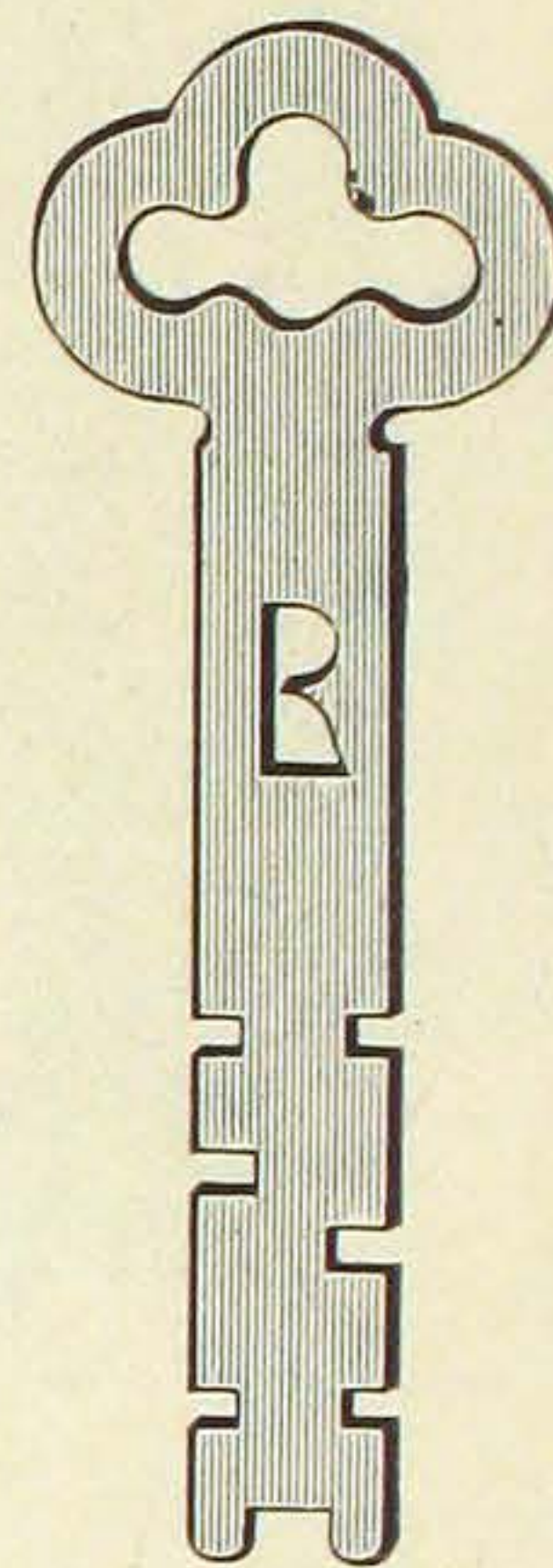
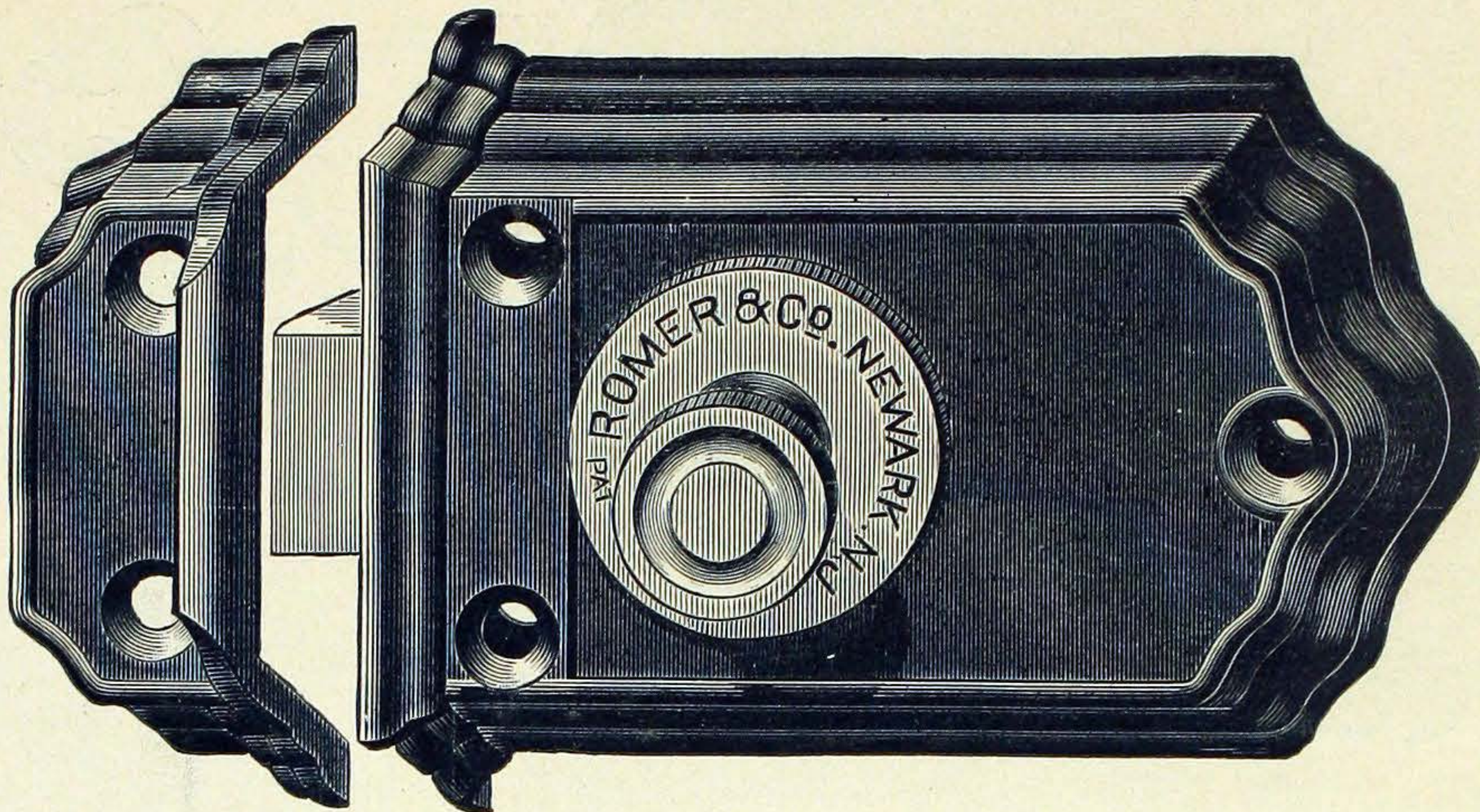
- | | | | |
|----------|--|---|--------------------|
| No. 615. | Size, $4\frac{1}{2} \times 3\frac{1}{4}$. | Extra heavy bronze bolt and escutcheon, two nickel plated steel keys, four brass tumblers, drawback knob, which stops the latch by turning, | per dozen, \$11.00 |
| " 616. | " $4\frac{1}{2} \times 3\frac{1}{4}$. | Same as No. 615, with nickel plated knob and escutcheon, | " 12 00 |
| | | Keys fitted to above latches, | " 1.10 |
| | | Blank Keys for above latches, | " 50 |

Latches packed complete one in box. All our latches are reversible, but when ordered are packed with *reverse* bevel strikers.

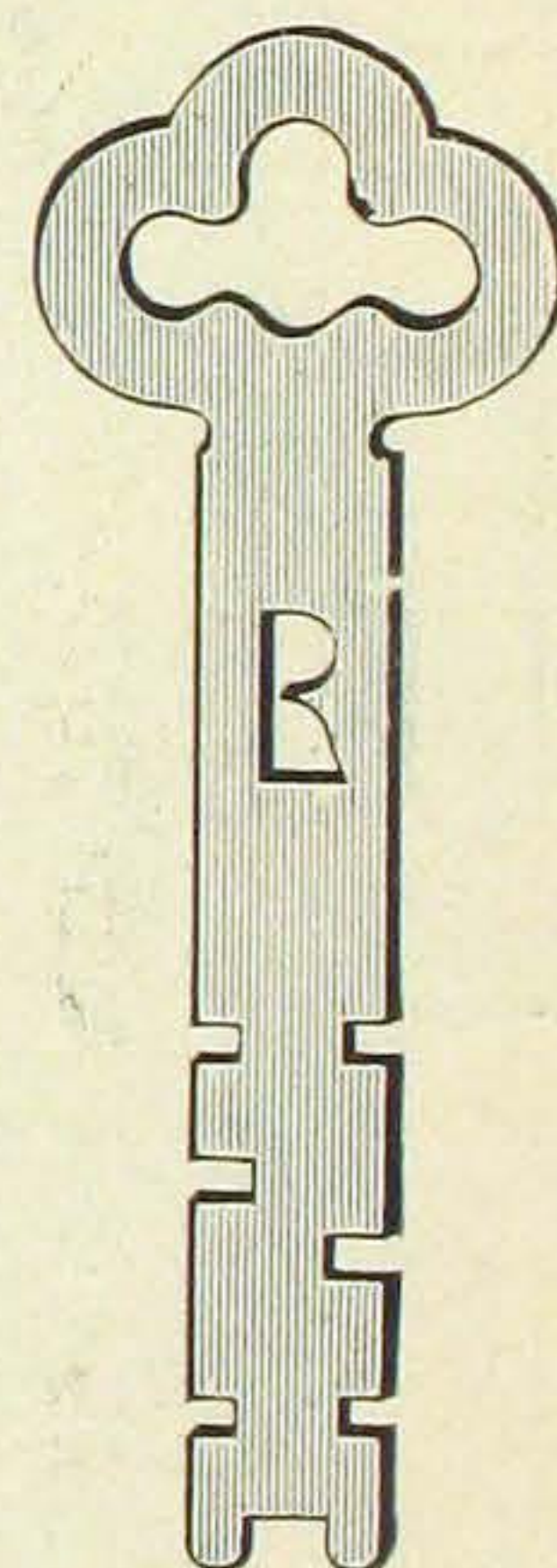
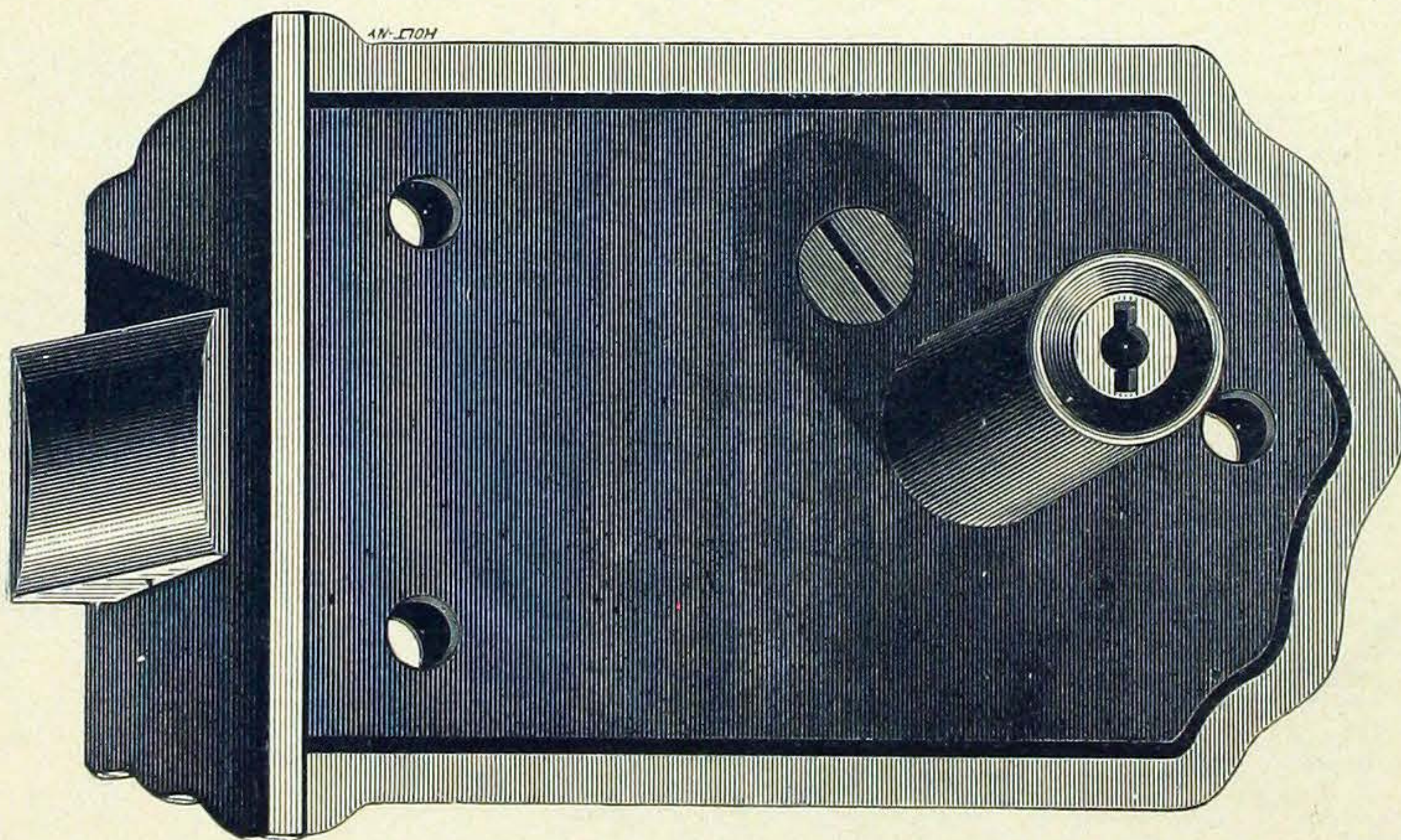
Patent Horizontal Rim Cylinder Reversible Night Latches.

Adjustable to right or left hand doors of any thickness up to 2 inches. Made reverse when ordered.

Patented April 28, 1885.



No. 625.	Size $3\frac{3}{4} \times 2\frac{5}{8}$.	Iron bolt, bronze escutcheon, 2 nickel plated steel keys, drawback knob, which stops the latch by turning,	per dozen, \$6.50
" 626.	" $3\frac{3}{4} \times 2\frac{5}{8}$.	Same as No. 625, with nickel plated knob and escutcheon,	" 7.25
" 627.	" $3\frac{3}{4} \times 2\frac{5}{8}$.	Bronze bolt and escutcheon, 2 nickel plated steel keys, drawback knob, which stops the latch by turning,	" 7.50
" 628.	" $3\frac{3}{4} \times 2\frac{5}{8}$.	Same as No. 627, with nickel plated knob and escutcheon,	" 8.25



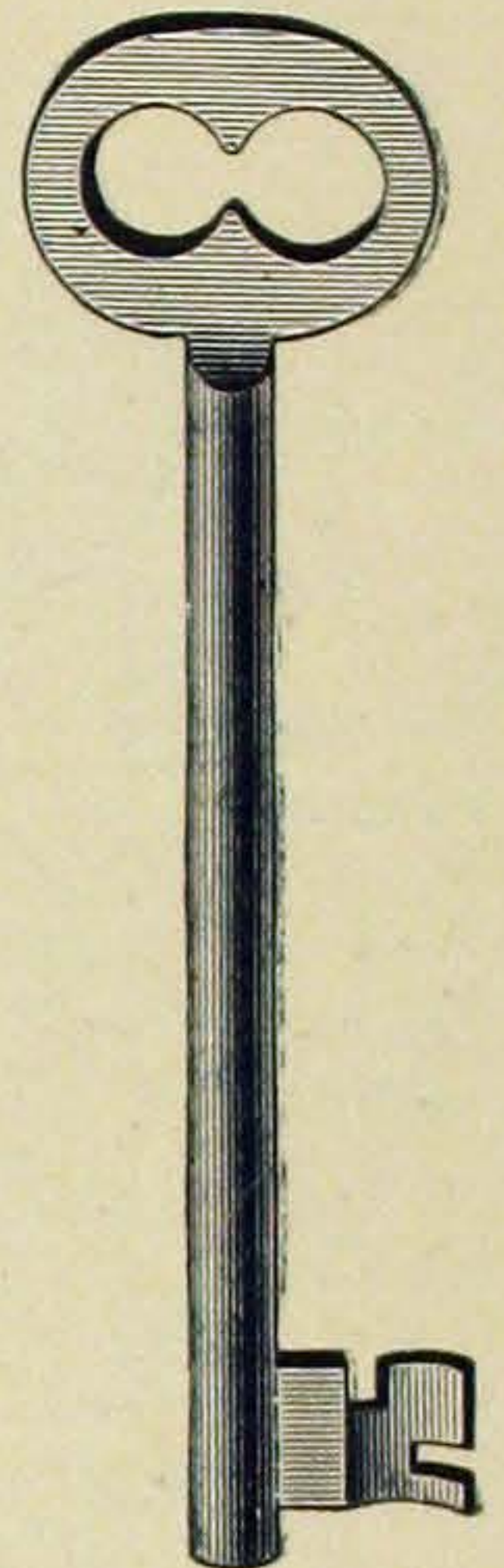
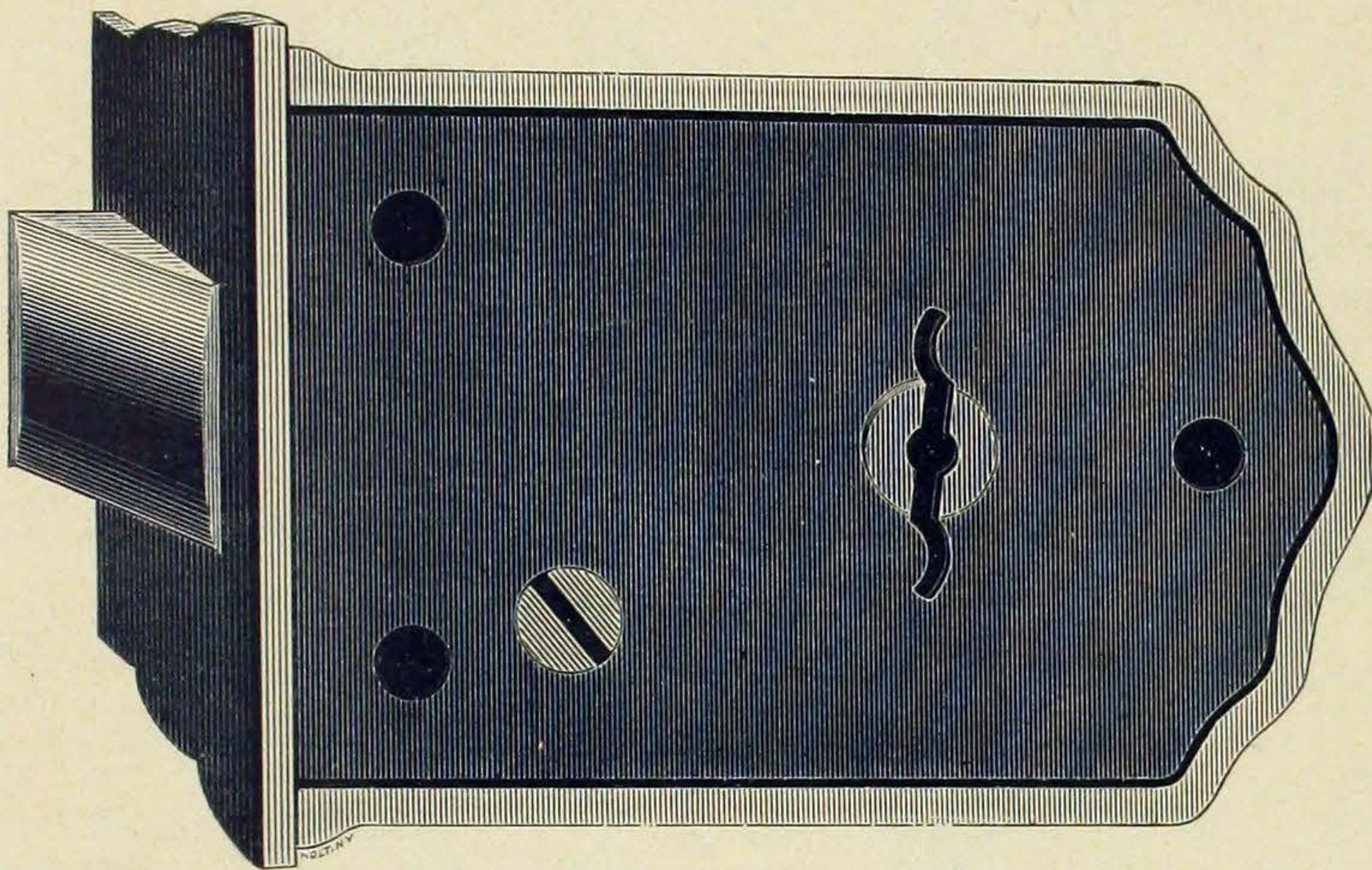
No. 630.	Size $4\frac{1}{2} \times 3\frac{1}{4}$.	Iron bolt, bronze escutcheon, 2 nickel plated steel keys, drawback knob, which stops the latch by turning,	per dozen, \$8.50
" 631.	" $4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 630, with nickel plated knob and escutcheon,	" 9.00
" 632.	" $4\frac{1}{2} \times 3\frac{1}{4}$.	Bronze bolt and escutcheon, 2 nickel plated steel keys, drawback knobs,	" 10.25
" 633.	" $4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 632, with nickel plated knob and escutcheon,	" 10.75
		Keys fitted to above latches,	.95
		Blank keys for above latches,	.45

Latches packed complete $\frac{1}{2}$ dozen in a box. All our latches are reversible, but when ordered are packed with *Reverse* bevel strikers.

Patent Horizontal Rim Reversible Night Latch.

Adjustable to Right or Left Hand Doors. Made reverse when ordered.

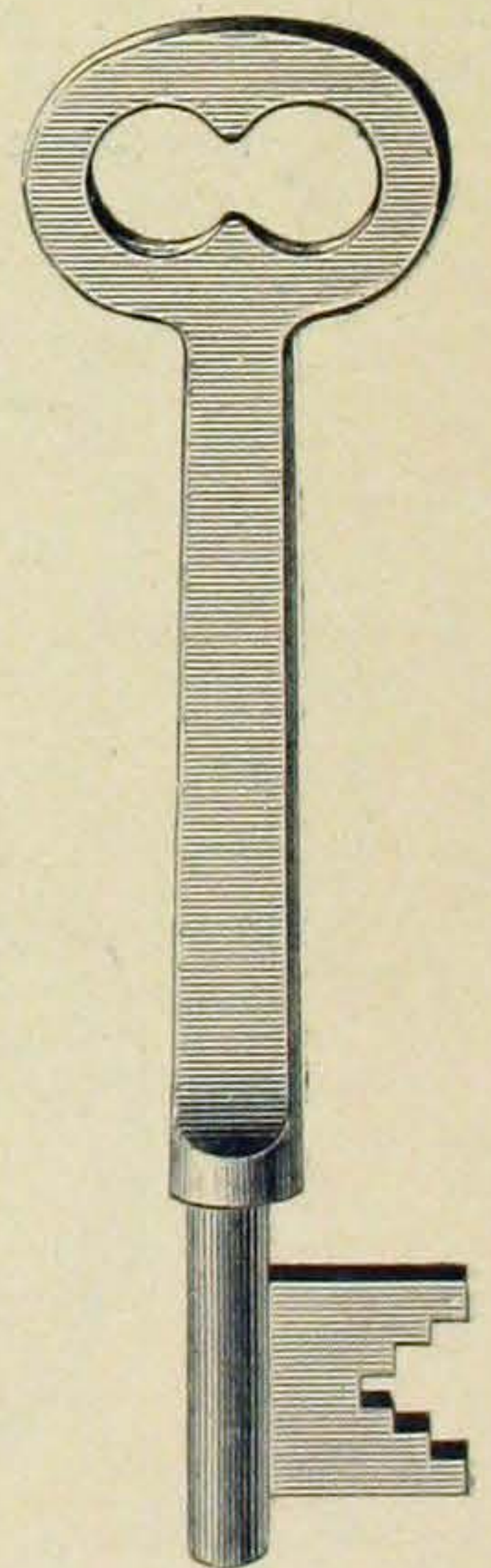
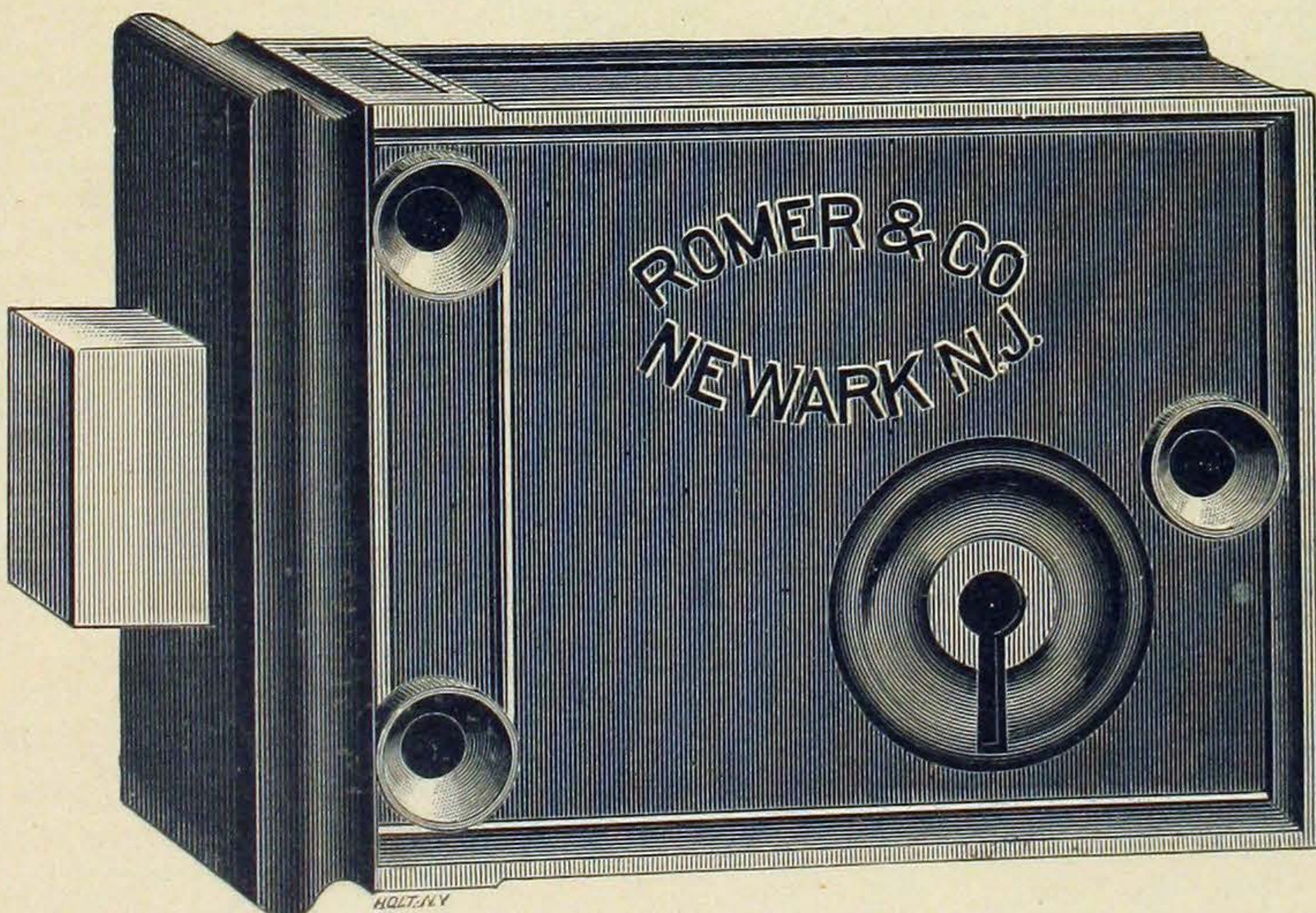
Patented April 28, 1885.



No. 640. Size $3\frac{3}{4} \times 2\frac{3}{8}$. Iron bolt, Japanned escutcheon, two nickel plated keys and nickel plated draw back knob, which stops the latch by turning. per dozen, \$5 00

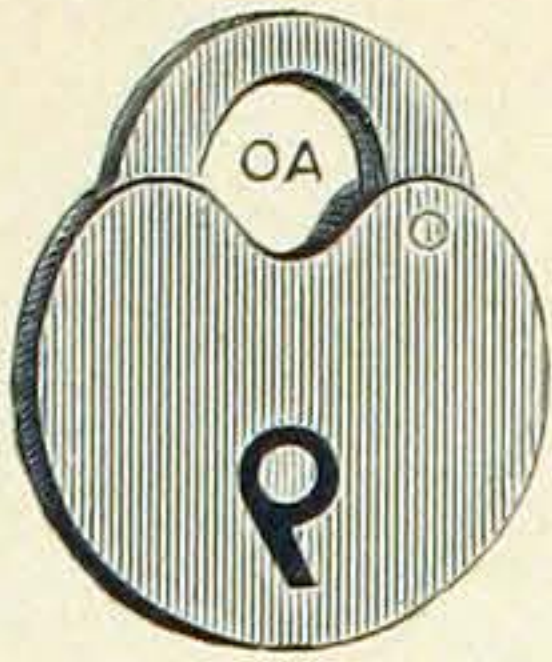
To make this latch reverse bevel, unscrew the cap, relieve the tension of spring against the bolt, take out the bolt and reverse it.

Janus-Faced Rim Dead Lock.

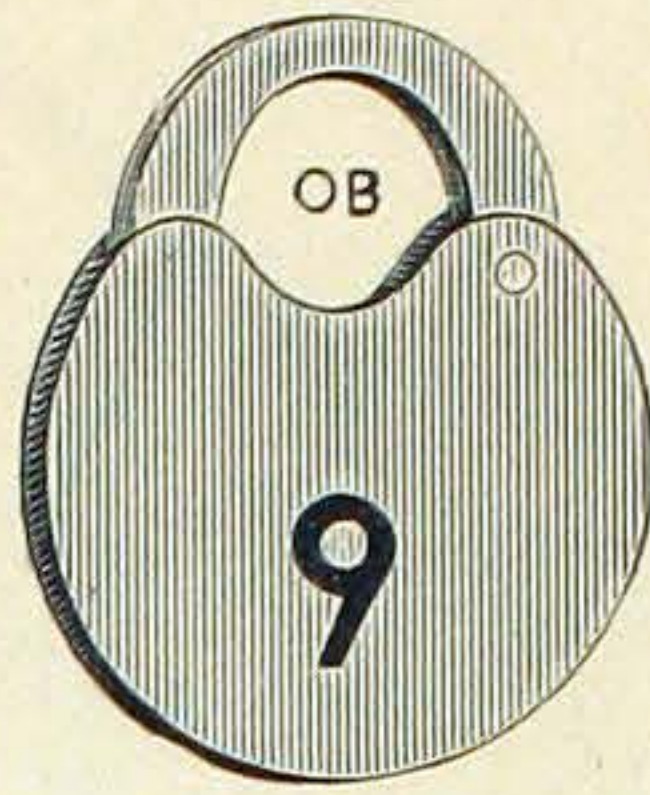


No. 660. Size $3\frac{3}{4} \times 2\frac{3}{4}$. Bronze bolt, three brass tumblers, two nickel plated steel keys, screws and Japanned escutcheon, per dozen, \$7.25

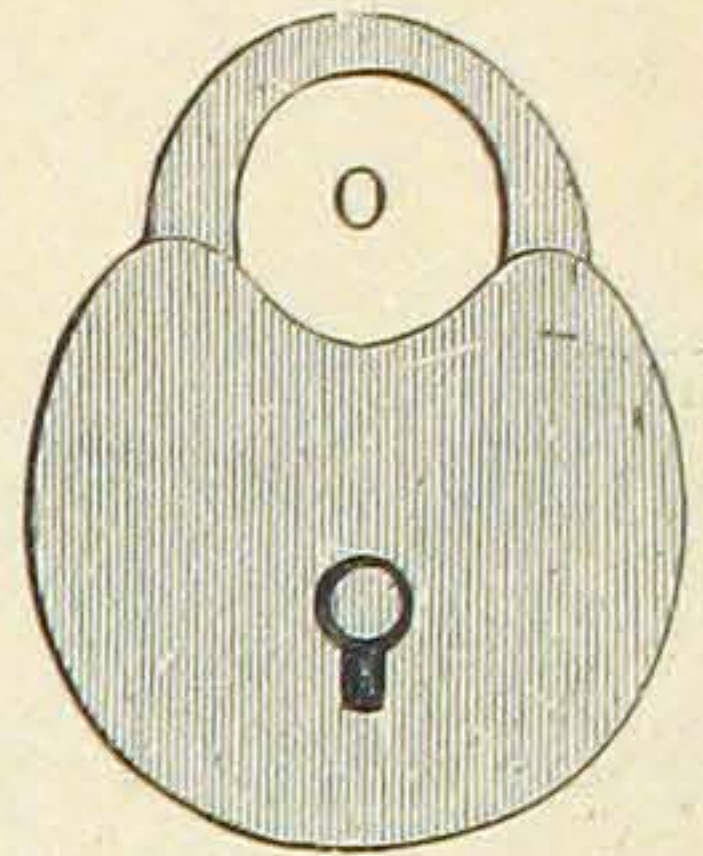
Self-Locking Bronze Spring Padlocks.



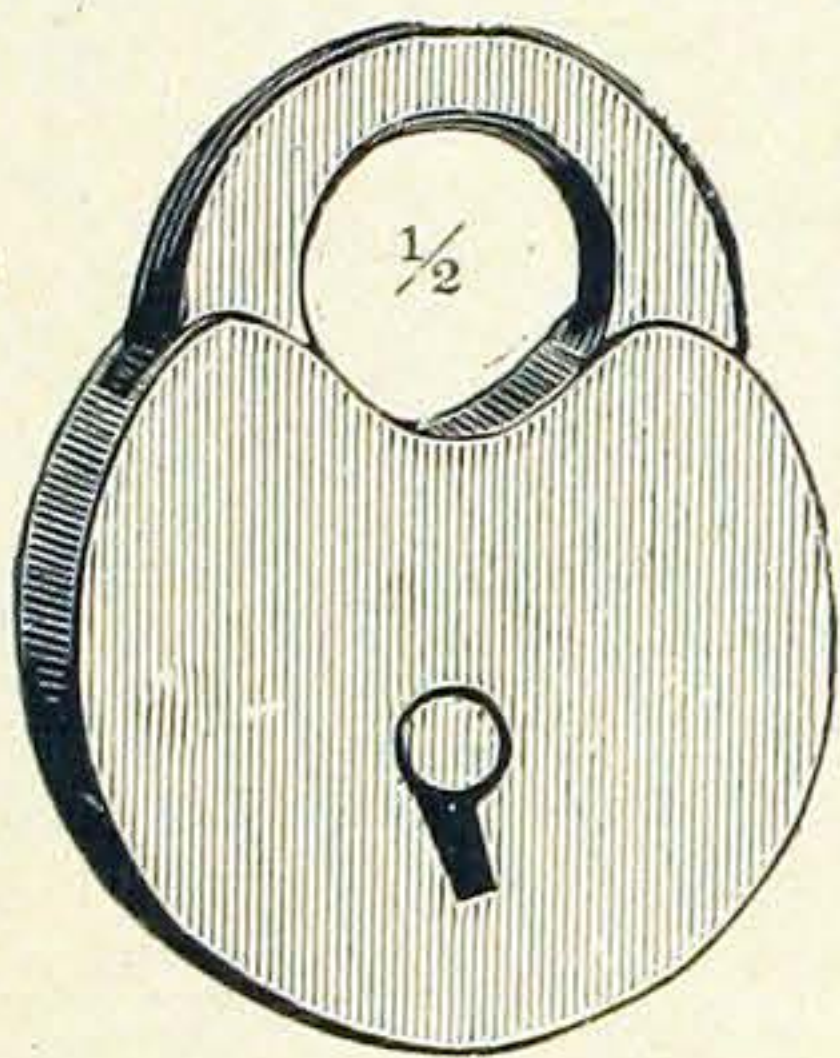
	One Key.	Two Keys.
Per dozen, . . .	\$2.35	\$2.95
Nickeled, . . .	\$1.00 extra.	



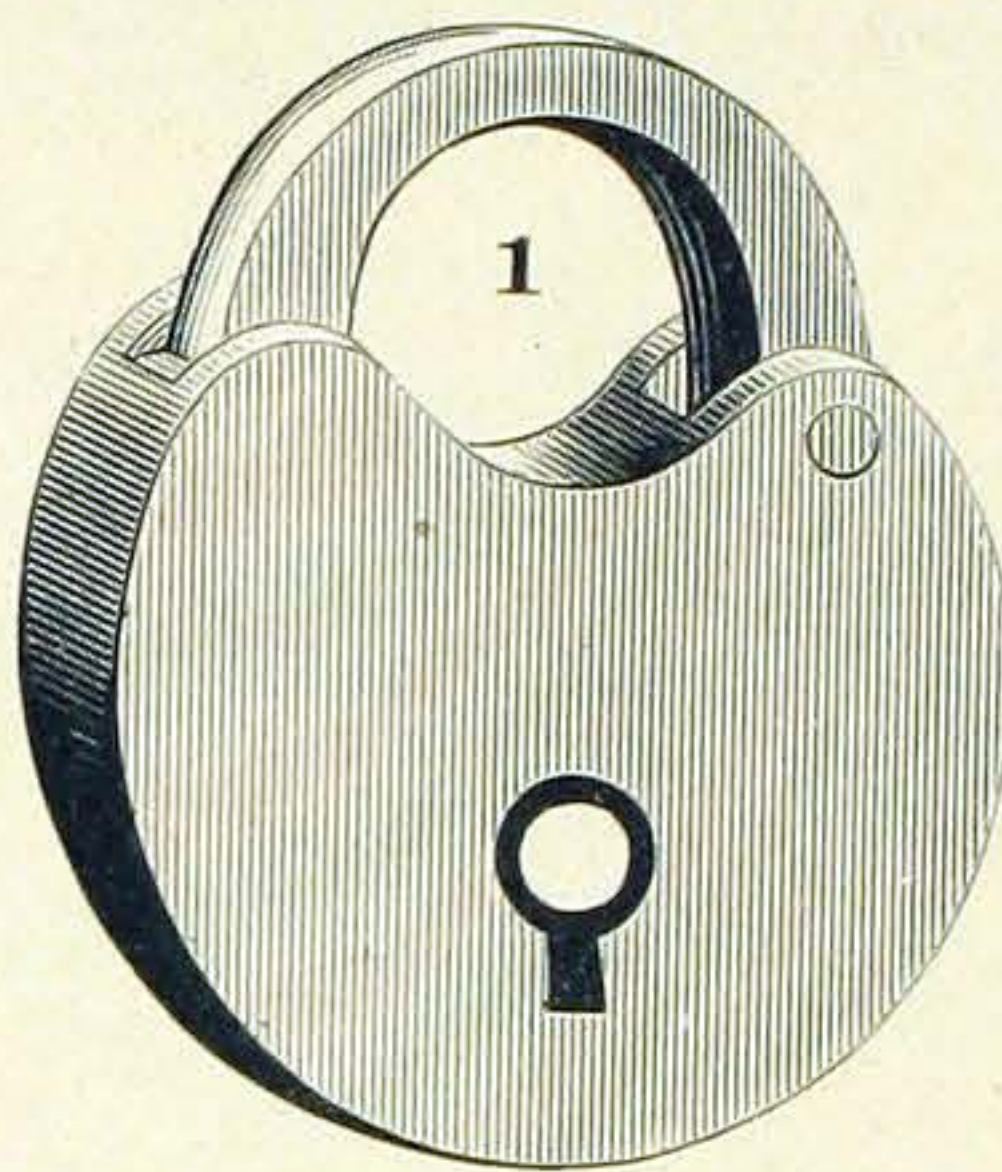
	One Key.	Two Keys.
Per dozen, . . .	\$2.65	\$3.25
Nickeled, . . .	\$1.00 extra.	



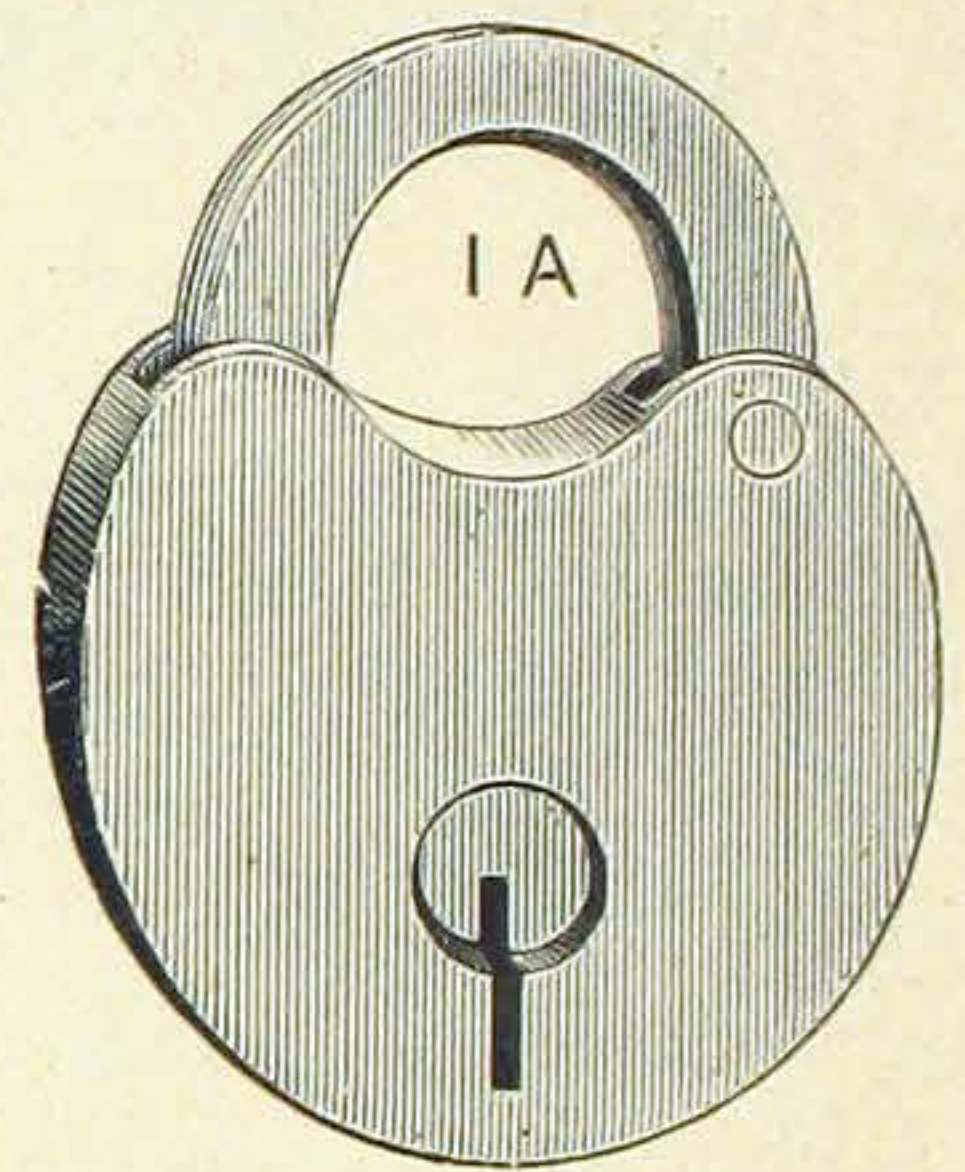
	One Key.	Two Keys.
Per dozen, . . .	\$3.00	\$3.75
With chain, . . .	3.75	4.50
Nickeled, . . .	\$1.00 extra.	
“ and chain, . . .	1.25	“



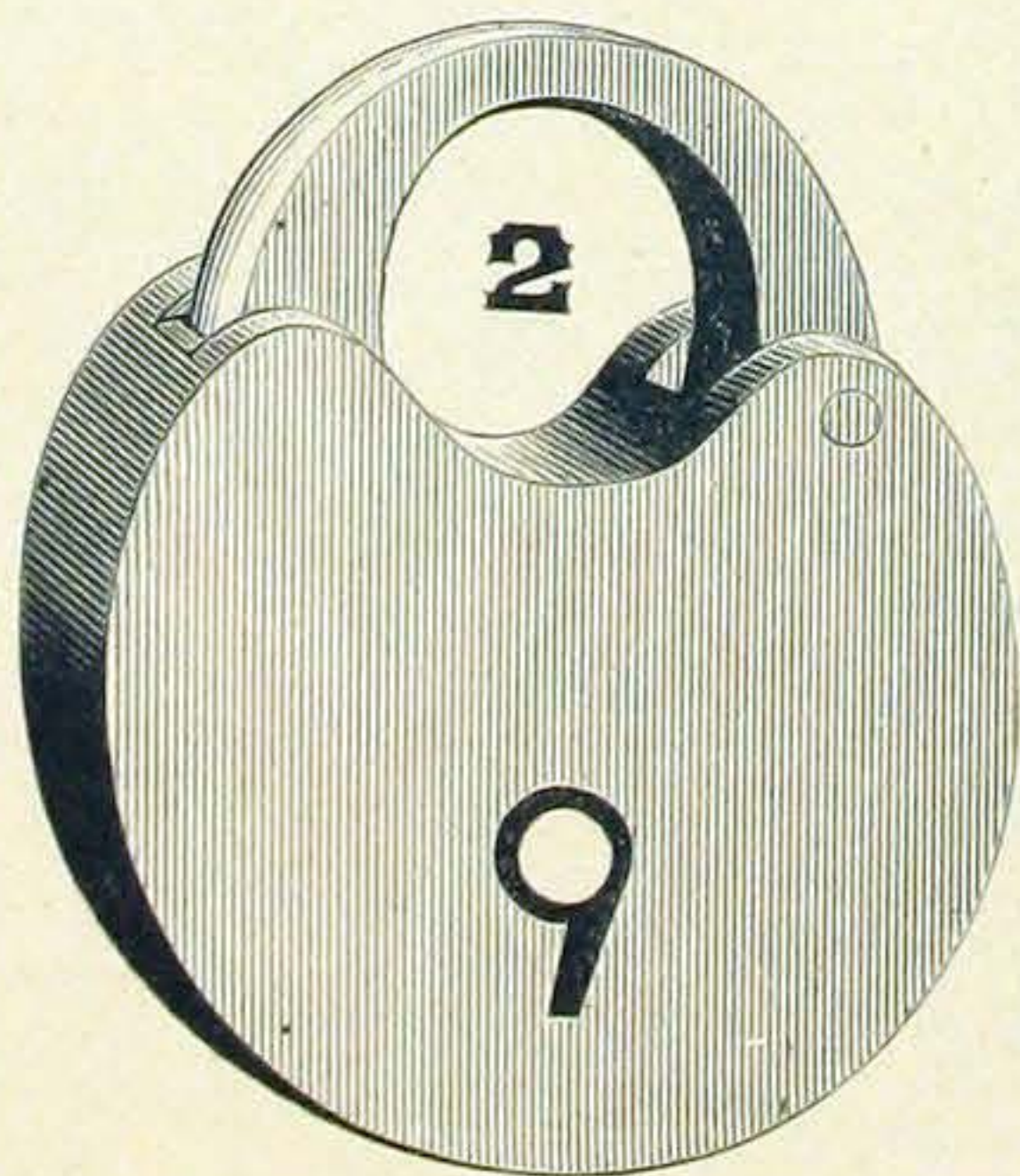
	One Key.	Two Keys.
Per dozen, . . .	\$3.50	\$4.30
Chain, . . .	4.25	5.05
Nickeled, . . .	\$1.00 extra.	
“ and chain, . . .	1.30	“



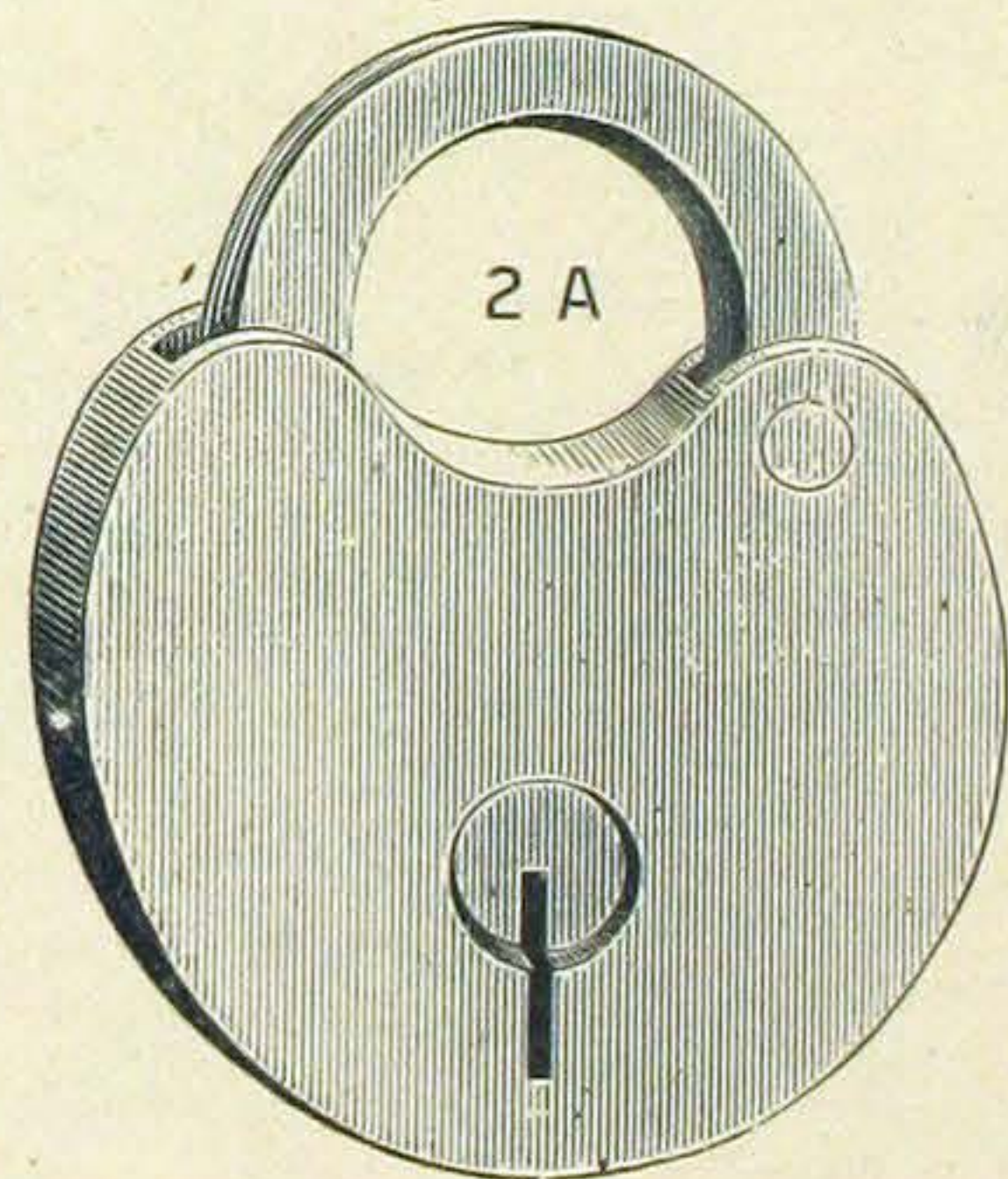
	One Key.	Two Keys.
Per dozen, . . .	\$4.00	\$5.00
With chain, . . .	5.00	6.00
Nickeled, . . .	\$1.00 extra.	
“ and chain, . . .	1.40	“



	One Key.	Two Keys.
Per dozen, . . .	\$5.00	\$6.00

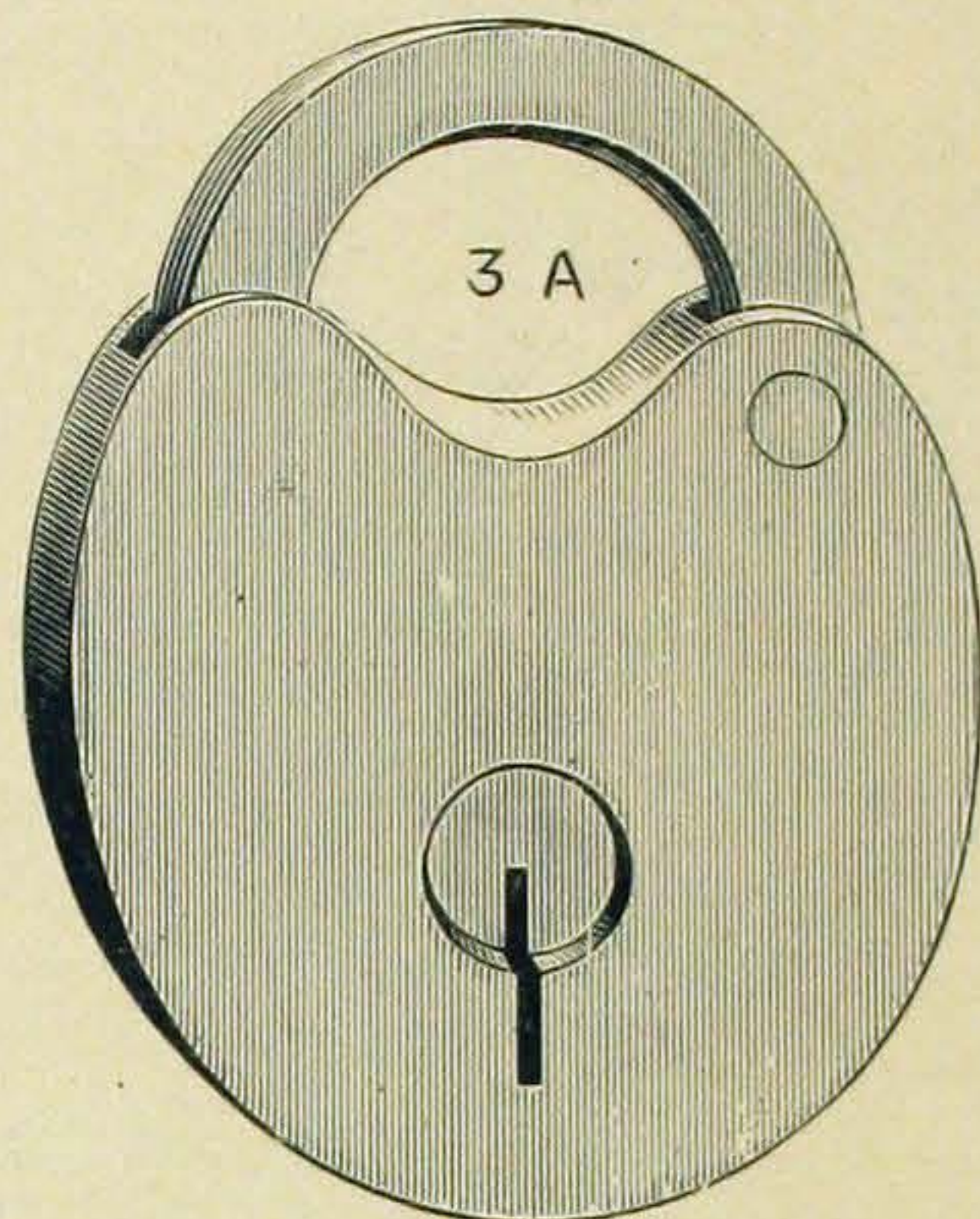
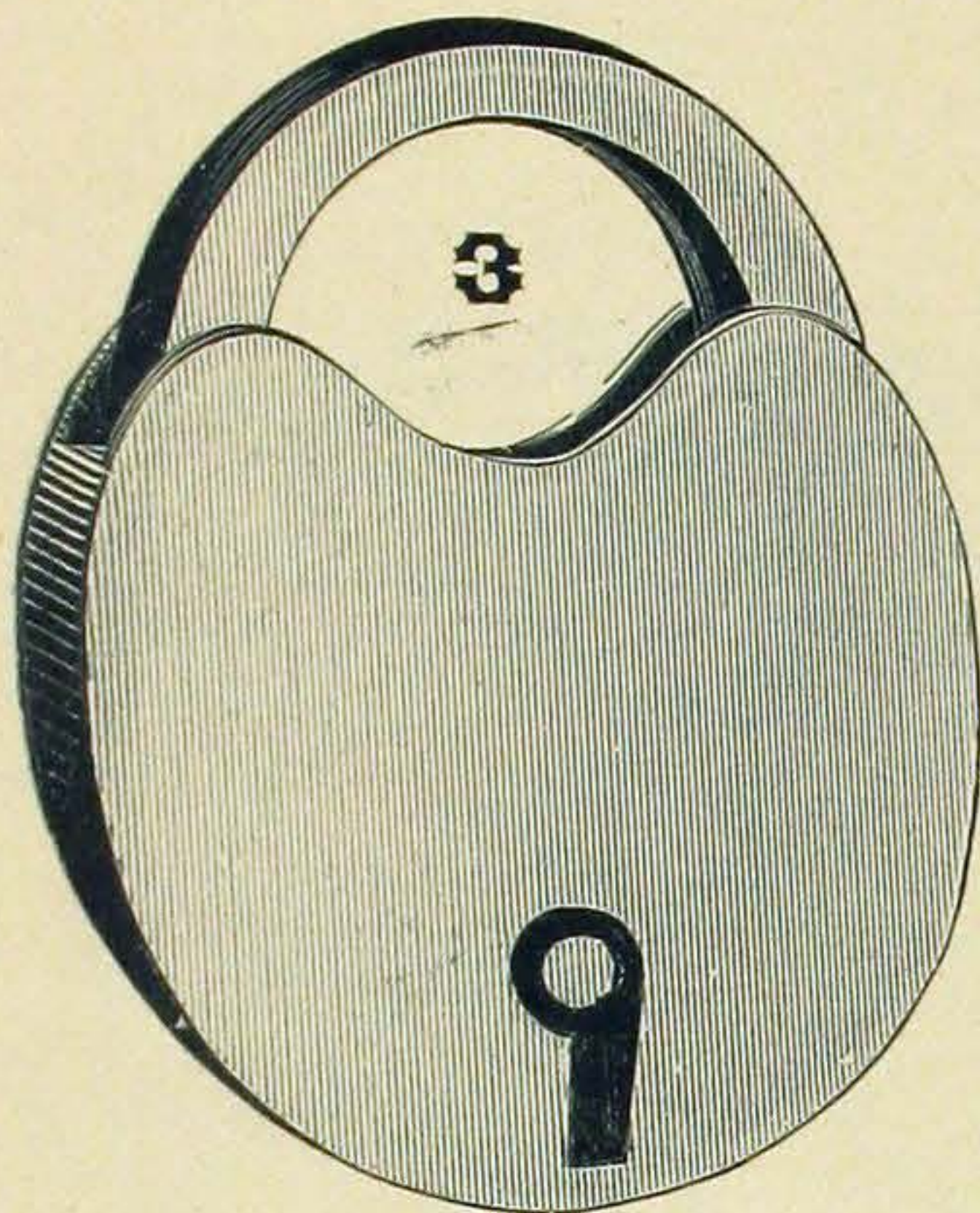


	One Key.	Two Keys.
Per dozen, . . .	\$5.25	\$6.25
With chain, . . .	6.40	7.40



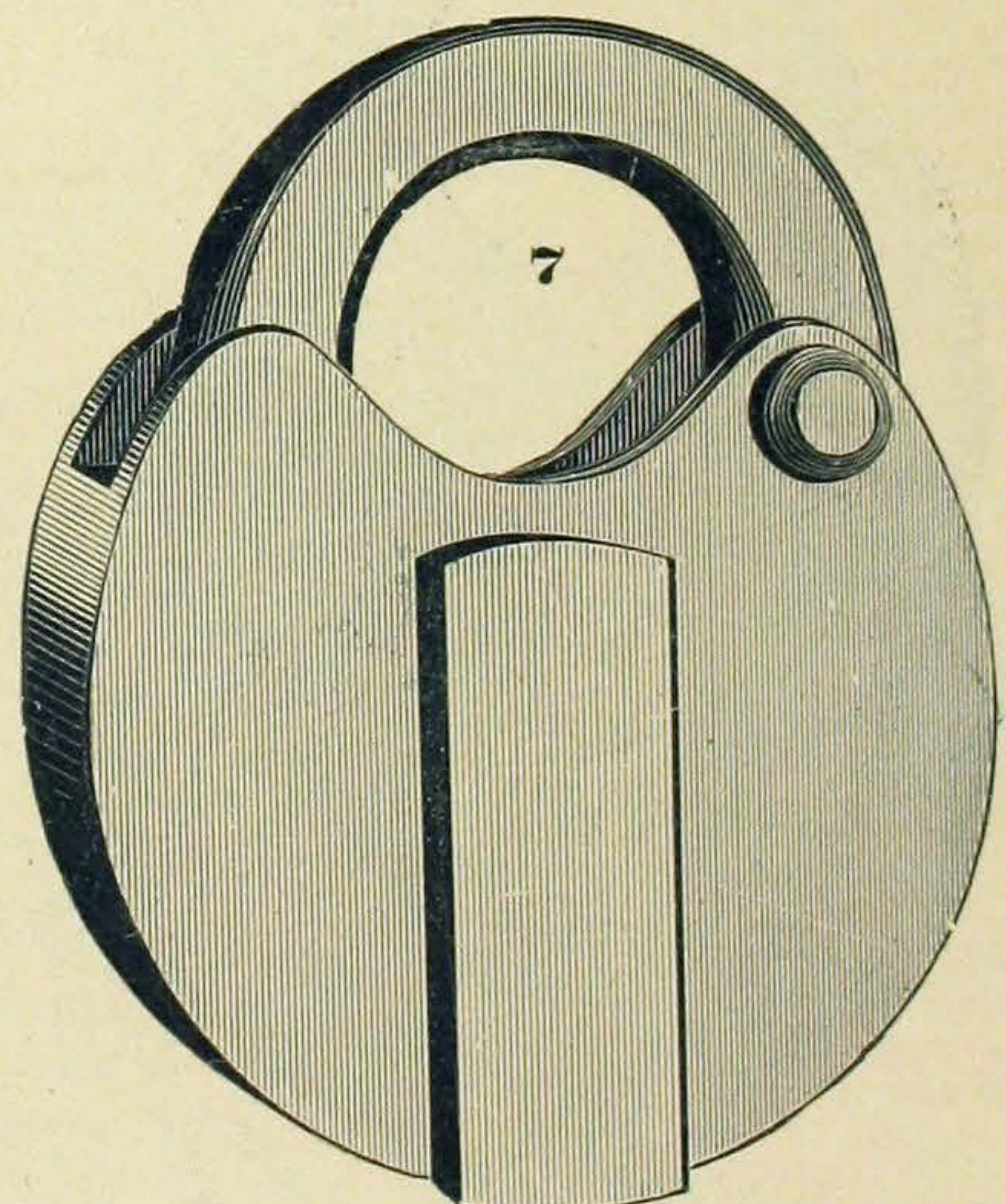
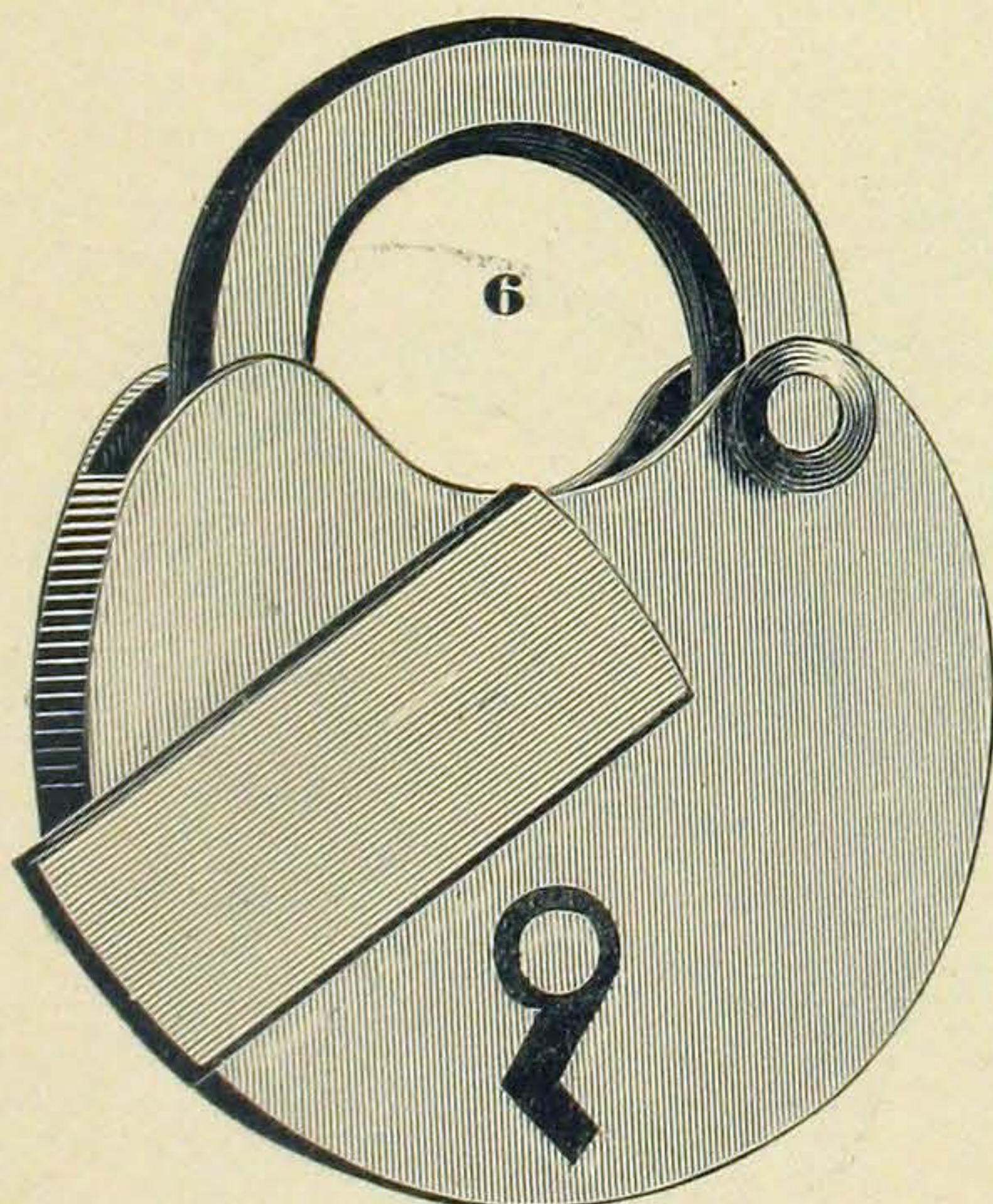
	One Key.	Two Keys.
Per dozen, . . .	\$6.75	\$7.75

Self-Locking Bronze Spring Padlocks.



		One key.	Two keys.
No. 3, 1 $\frac{3}{4}$ inch,	per doz.,	\$6.50	\$7.50
" 3, 1 $\frac{3}{4}$ " with chain,	"	7.75	8.75

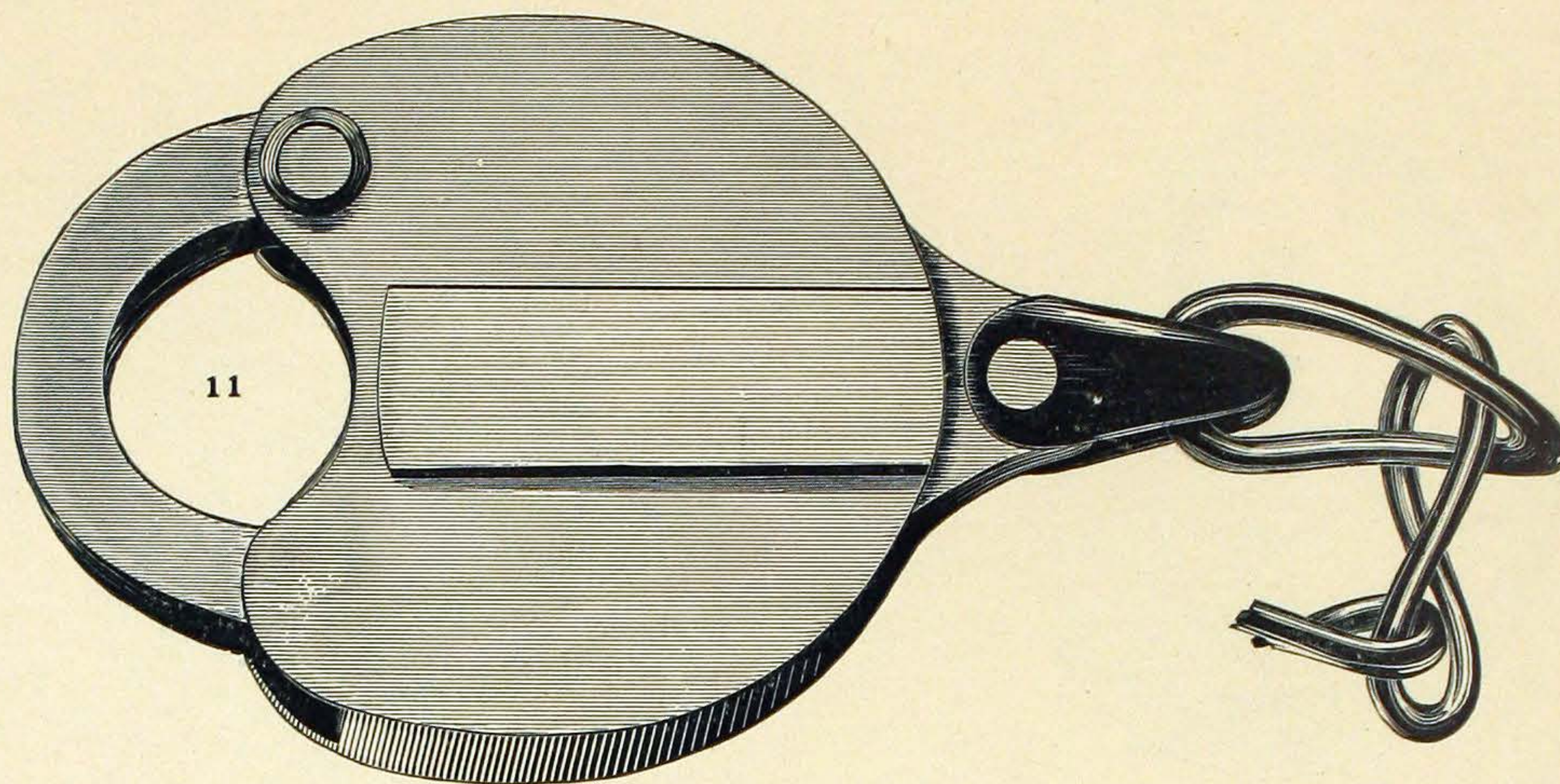
	One key.	Two keys.
Per dozen,	\$8.25	\$9.25



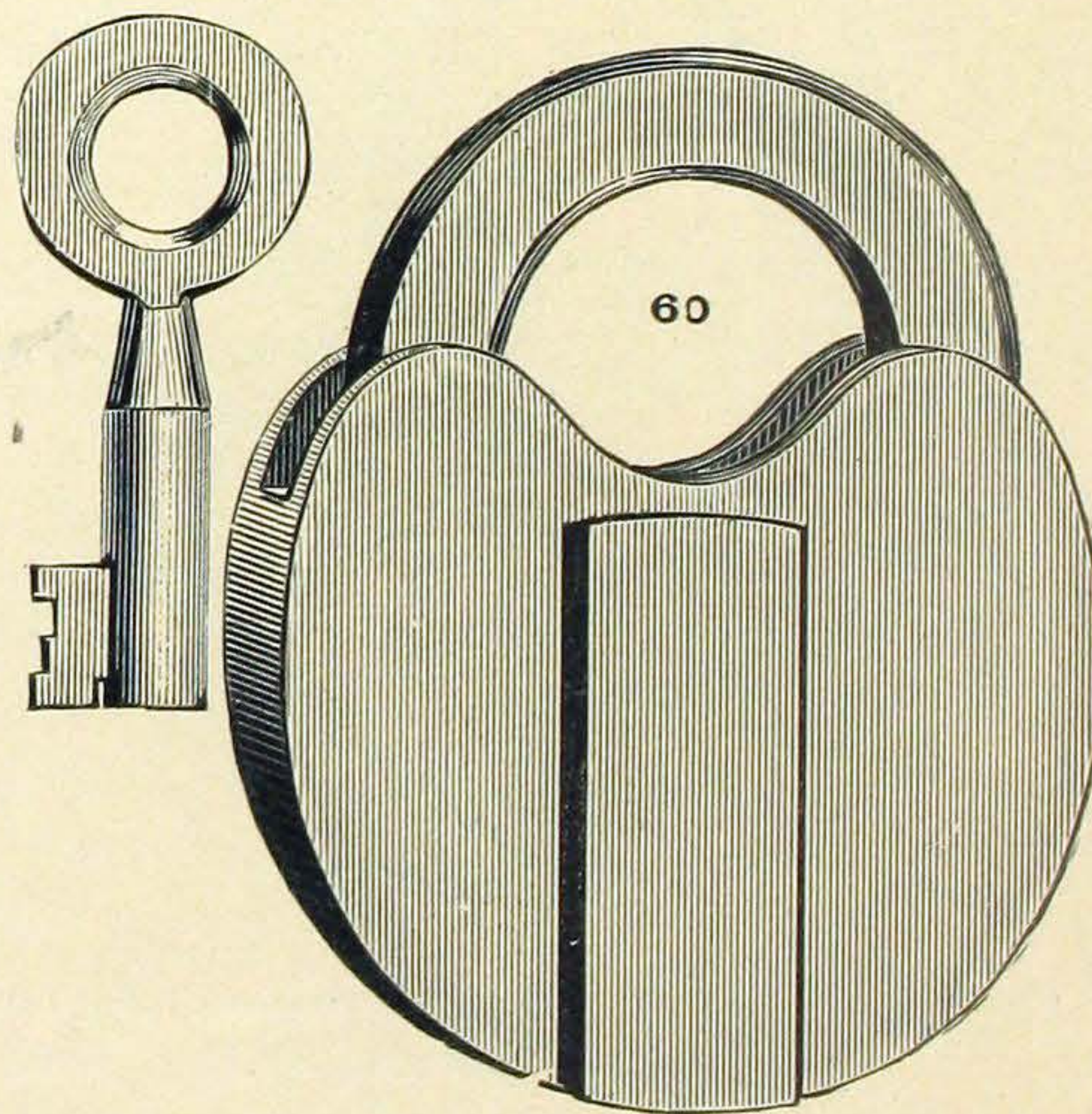
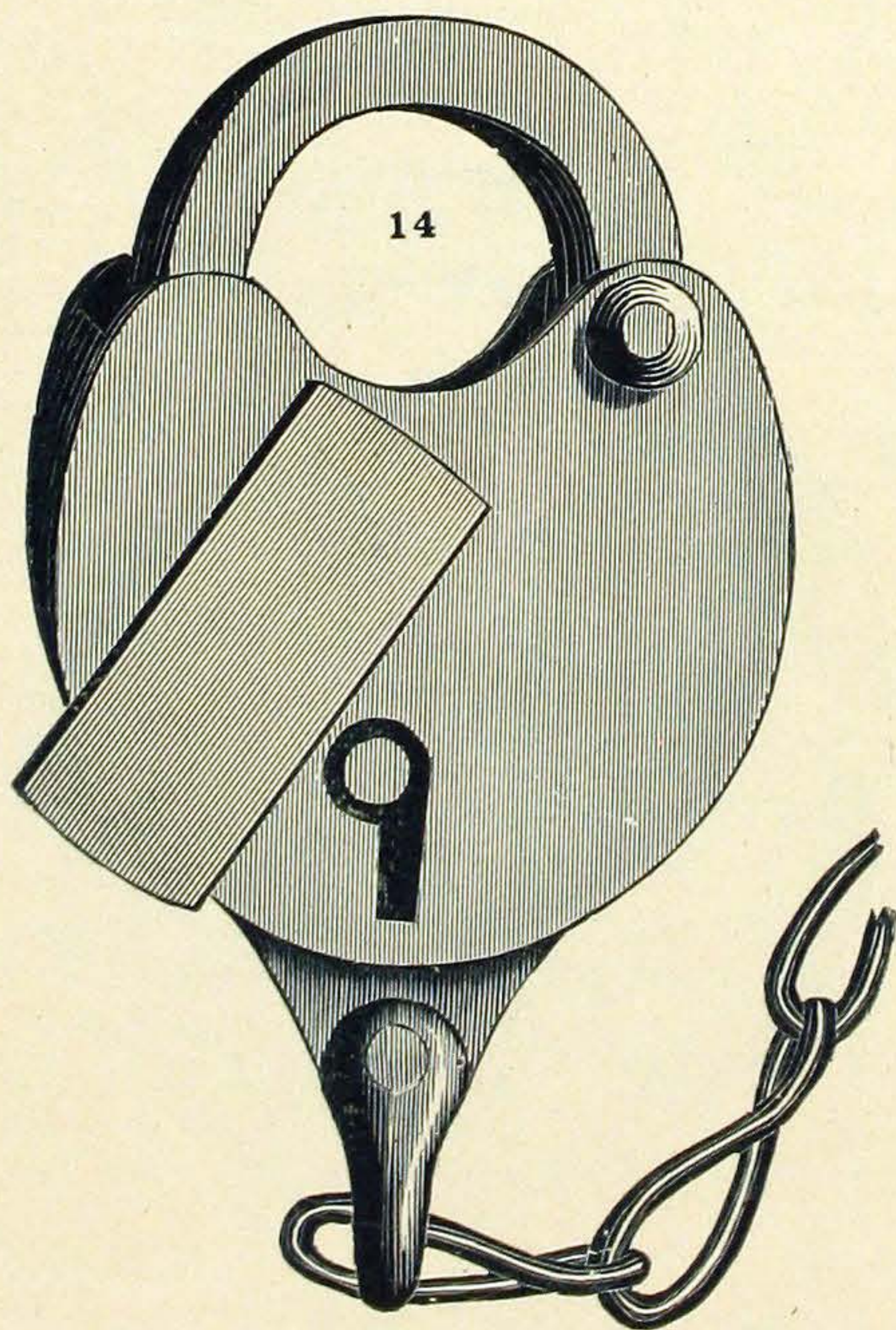
		One key.	Two keys.
No. 4,	per doz.,	\$8.00	\$9.25
" 6, Same lock, with plain drop,	"	8.75	10.00
" 8, " " as No. 4, with spring drop,	"	9.50	10.75

	One key.	Two keys.
No. 5, No drop,	per doz., \$9.25	\$10.75
" 7, Plain,	" 10.00	11.50
" 9, Spring drop,	" 11.00	12.50

Bronze Spring Padlocks.

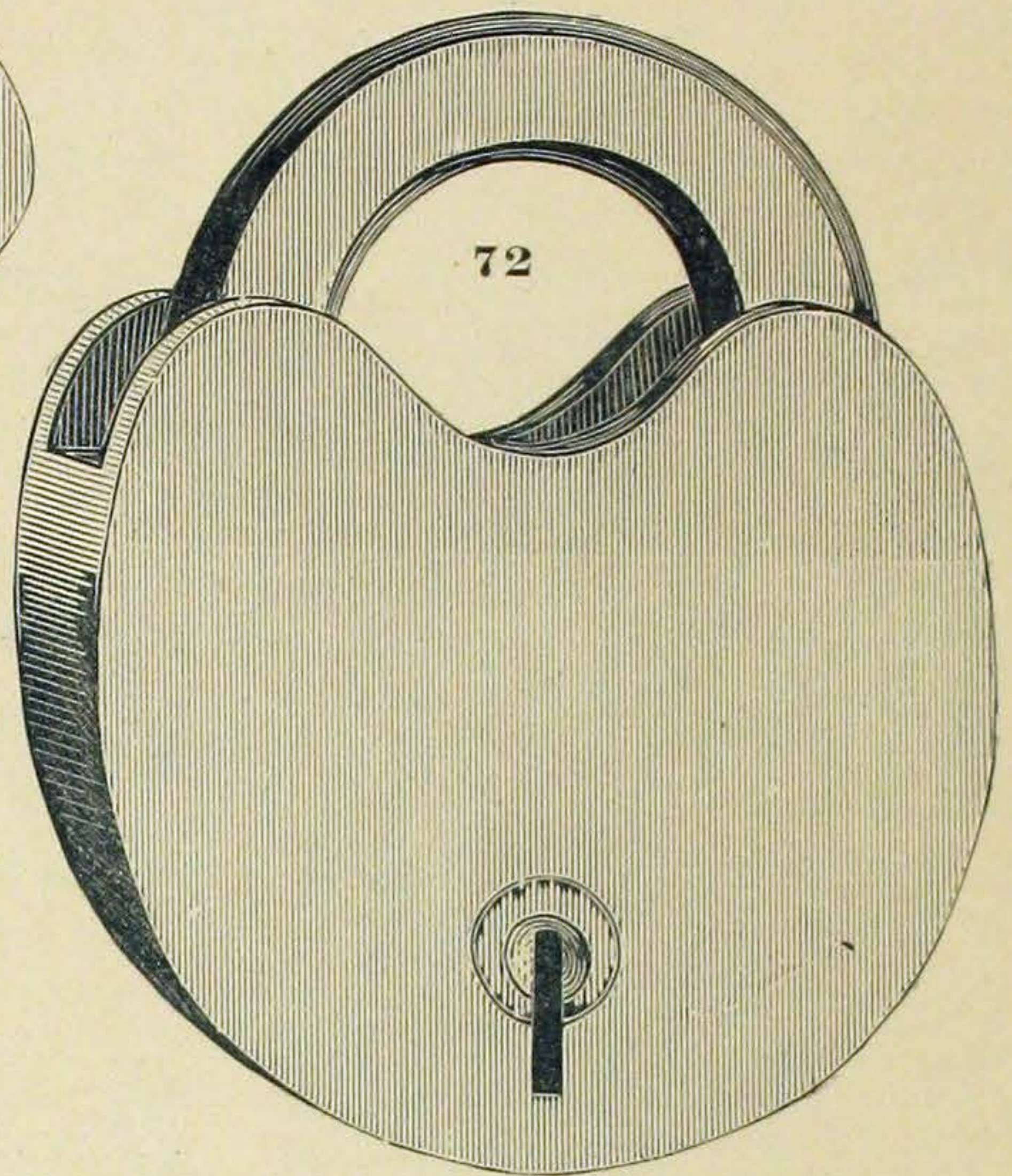
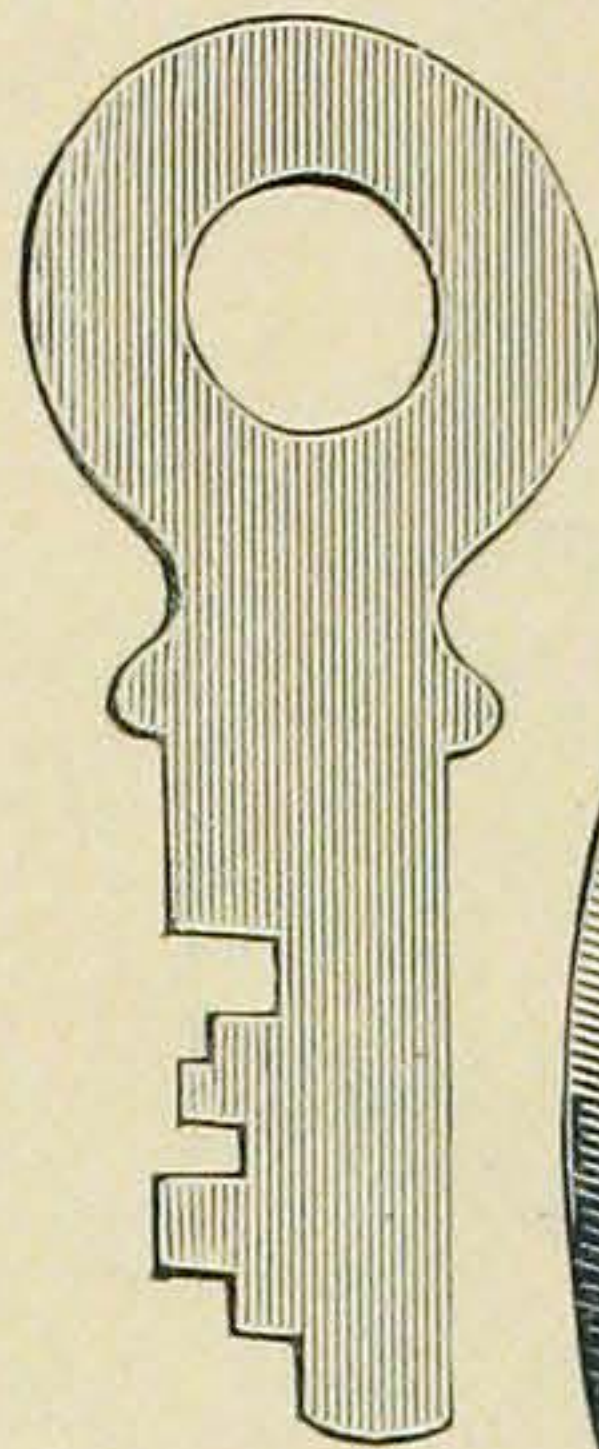
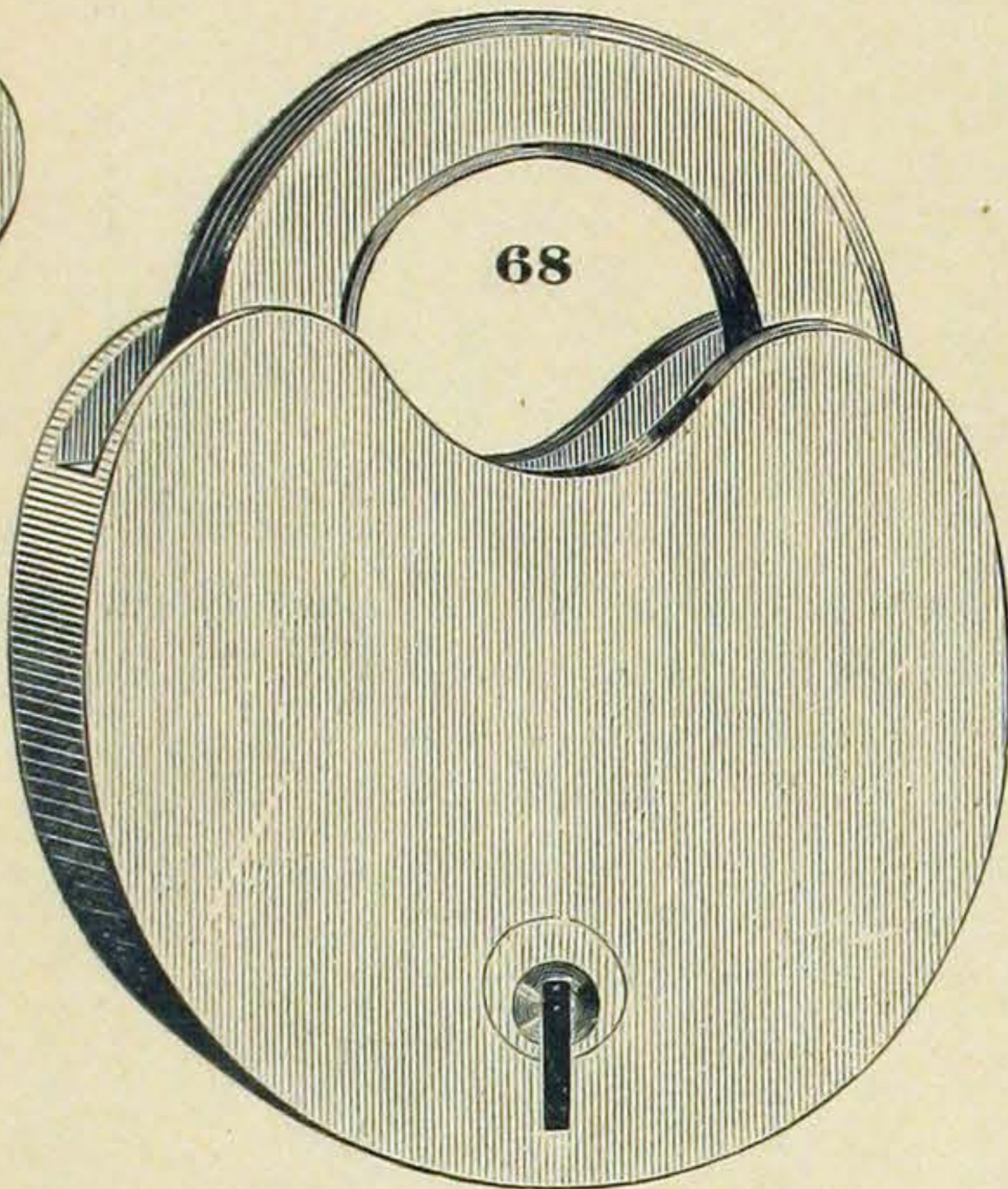
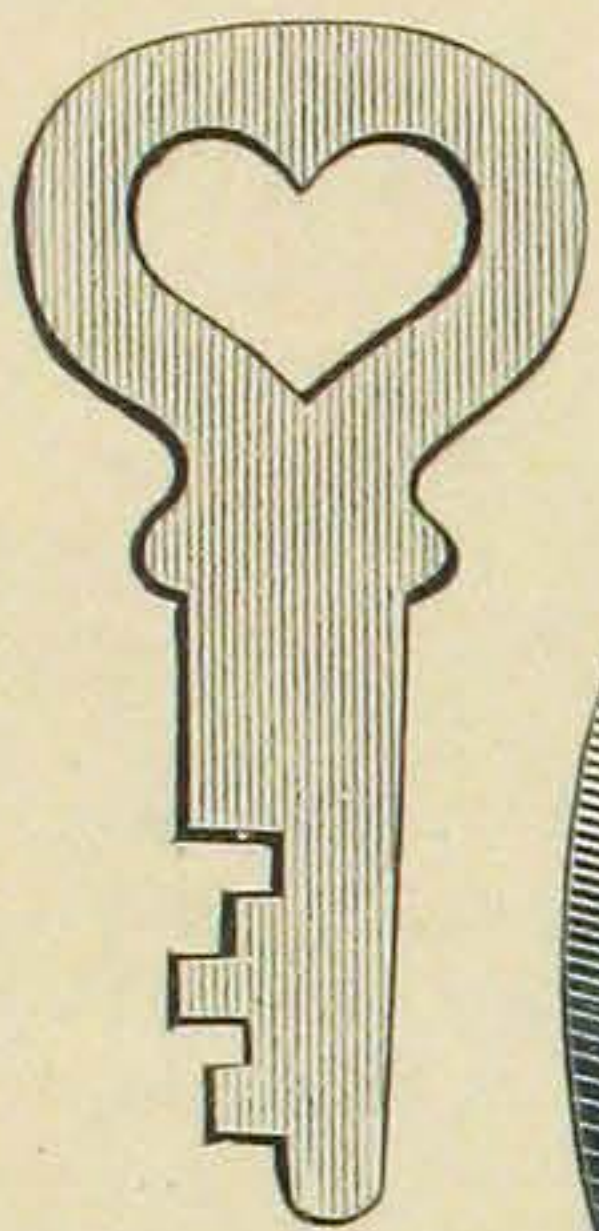


	One key.	Two keys.
No. 11, Spring drop and chain,	per dozen, \$12.50	\$14.00
" 13, Plain " "	" 11 50	13 00
" 22, Spring " " switch and car lock, (heavy),	" 14.00	15.50
" 332, " " iron case, and chain, brass works,	" 9.50	11.00



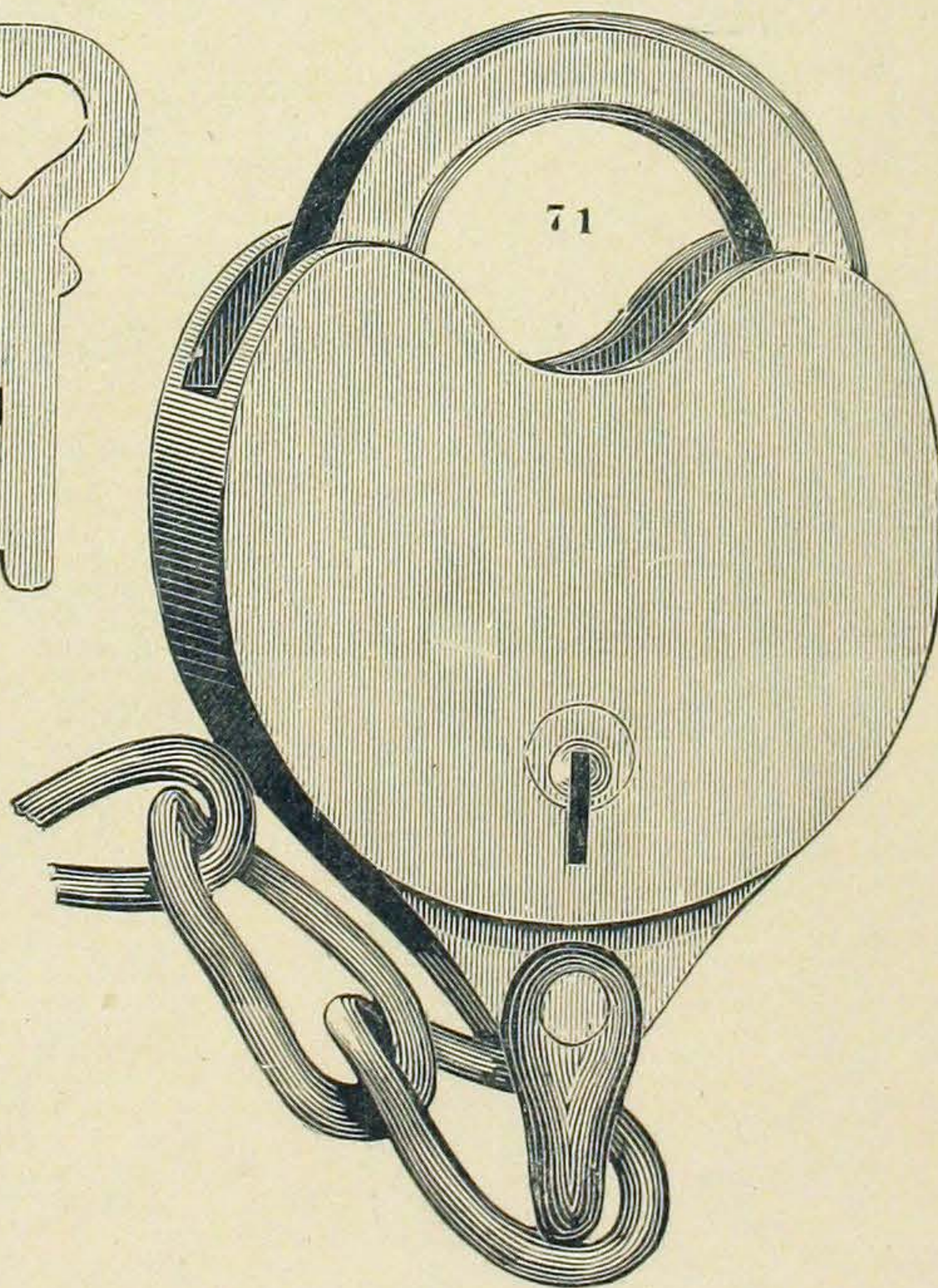
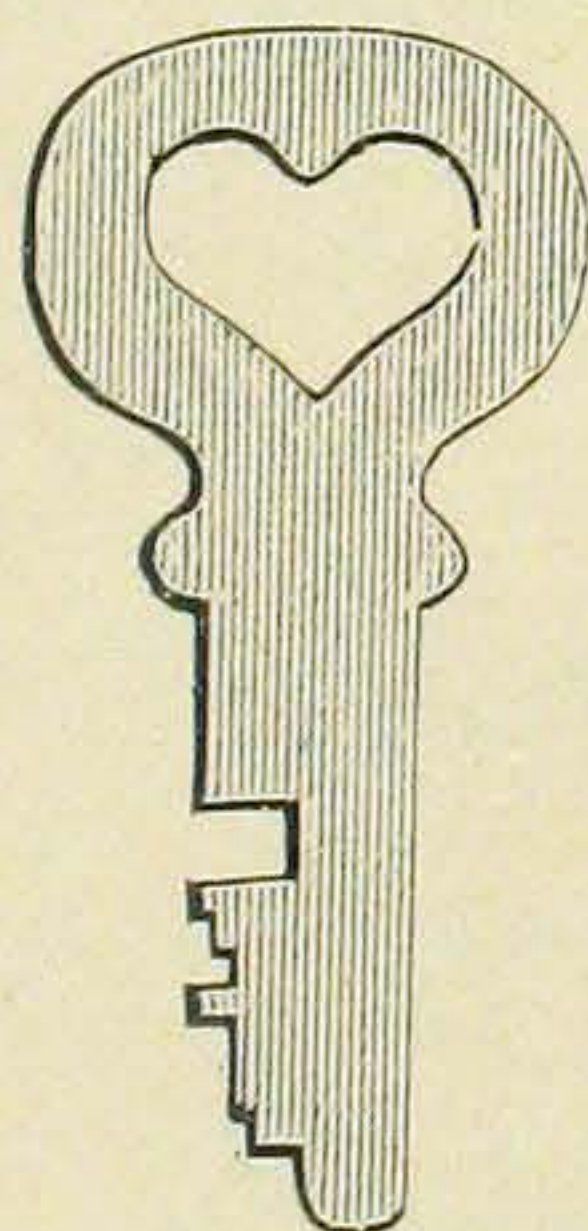
	One key.	Two keys.		One key.	Two keys.
No. 14,	per dozen, \$9 75	\$11.00	No. 60, Spring drop,	per dozen, \$12.00	\$13.50
" 12, Same, with spring drop,	10.50	11.75	" 61, " and chain, "	13.50	15.00

Self-Locking Bronze Spring Padlocks.



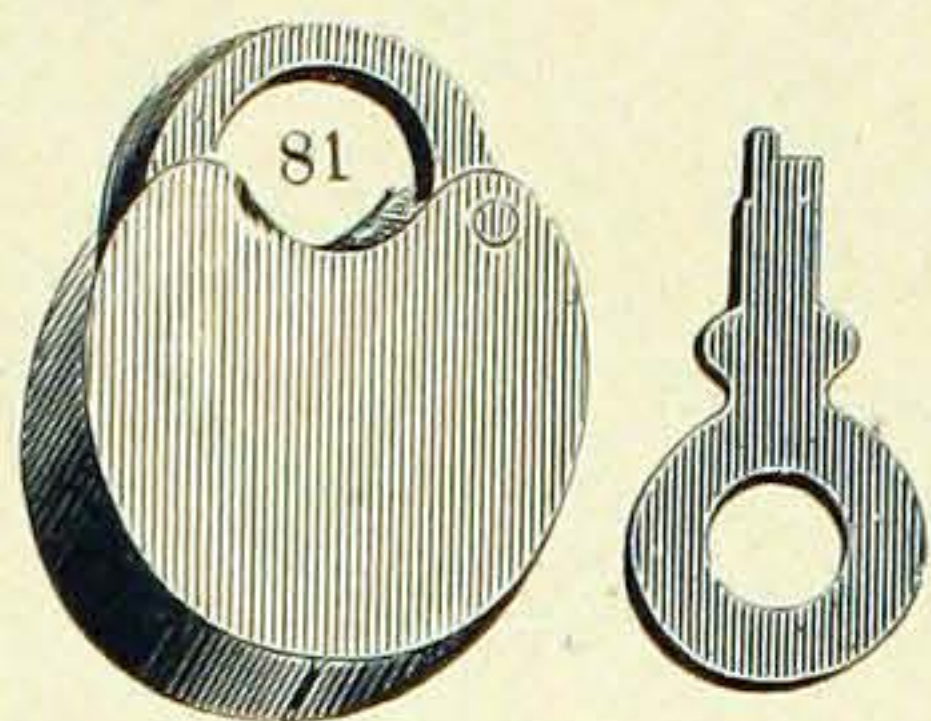
No. 68,	Two Keys.	
	per dozen, \$12.00	
" 69. With chain,	" 13.50	

No. 72,	Two Keys.	
	per dozen, \$16.00	
" 73. With chain,	" 18.00	

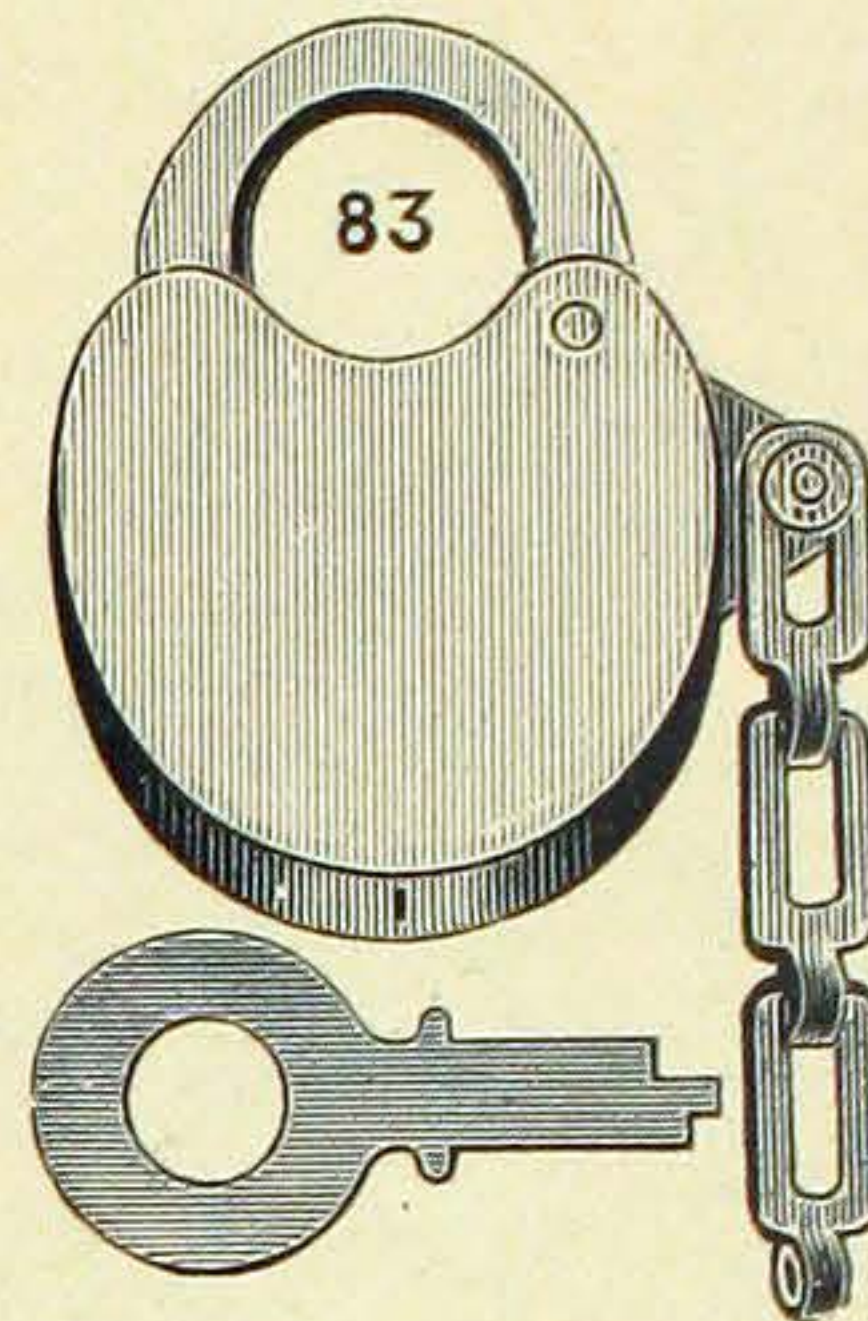


No 70,	Two Keys.	
	per dozen, \$13.50	
" 71. With chain,	" 15.00	

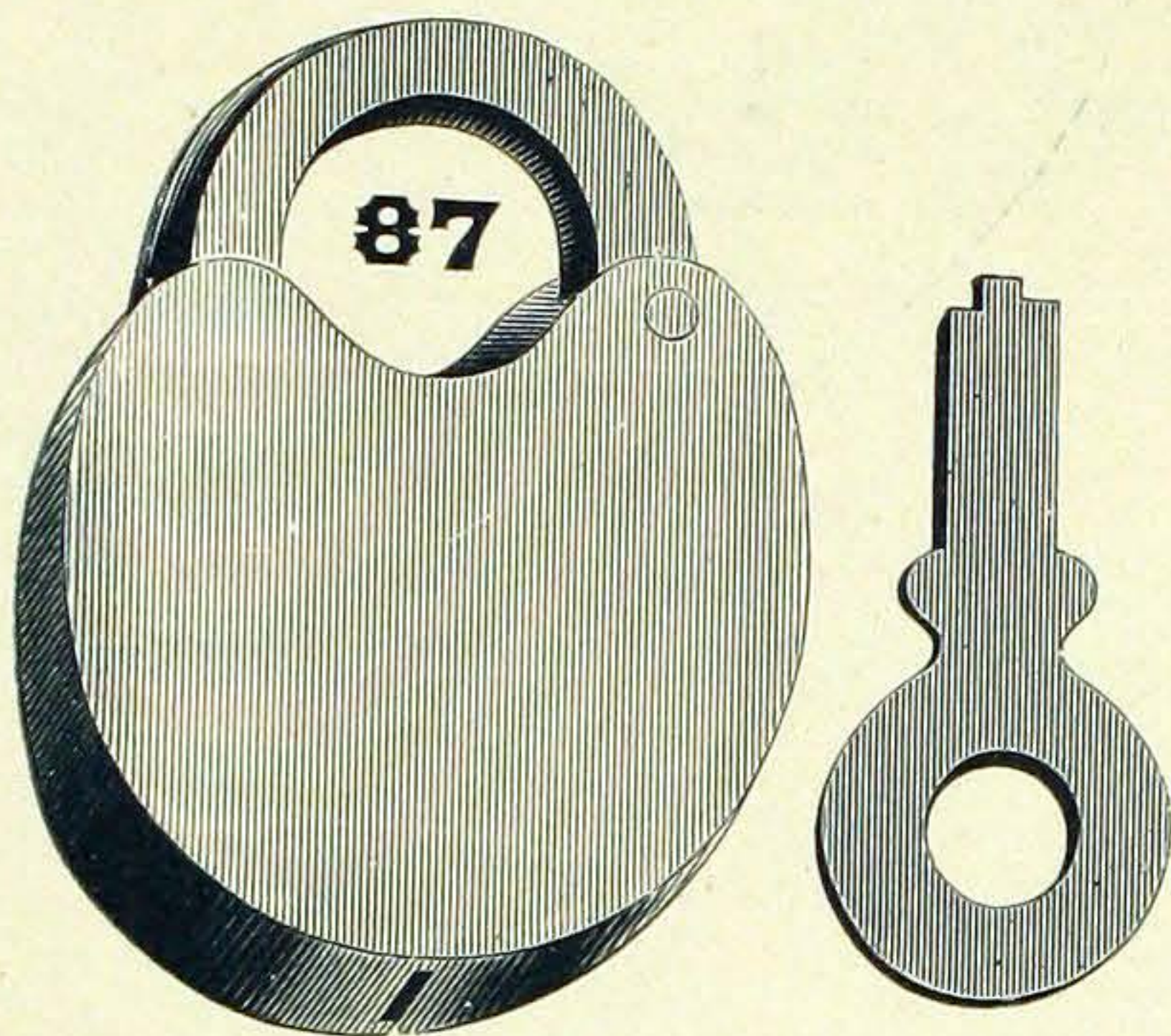
Bronze Water-Proof Tumbler Padlocks.



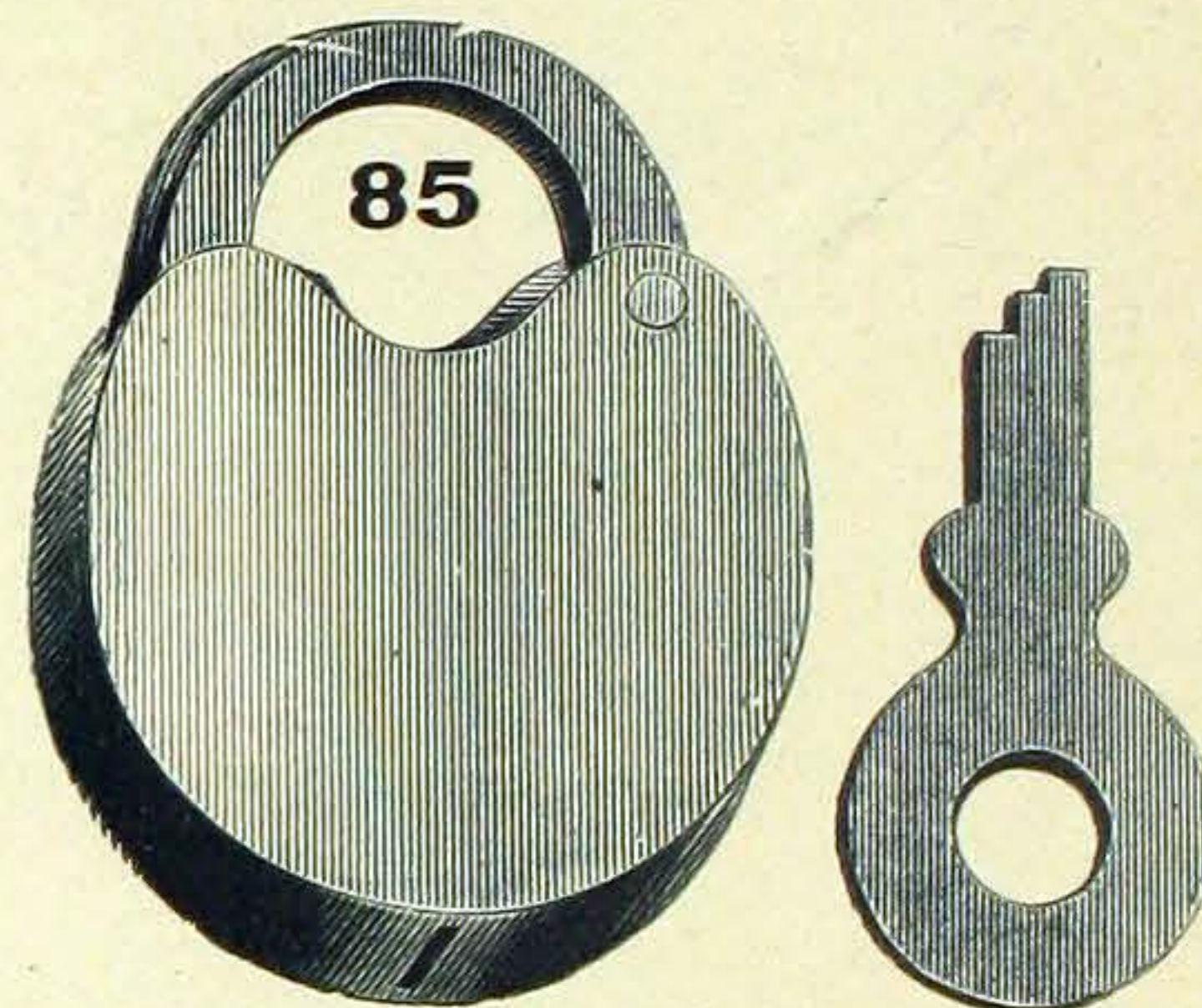
No. 81.	One key,	per dozen, \$2.25
" 81.	Two keys,	" 2 65
	Nickeled,	\$1.00 extra.



			One Key.	Two Keys.
No 83.	No chain,	per dozen, \$2.80		\$3.25
" 83.	With chain,	" 3.80		4.25
	Nickeled,		\$1.00 extra.	
	" and chain,		1.25	"

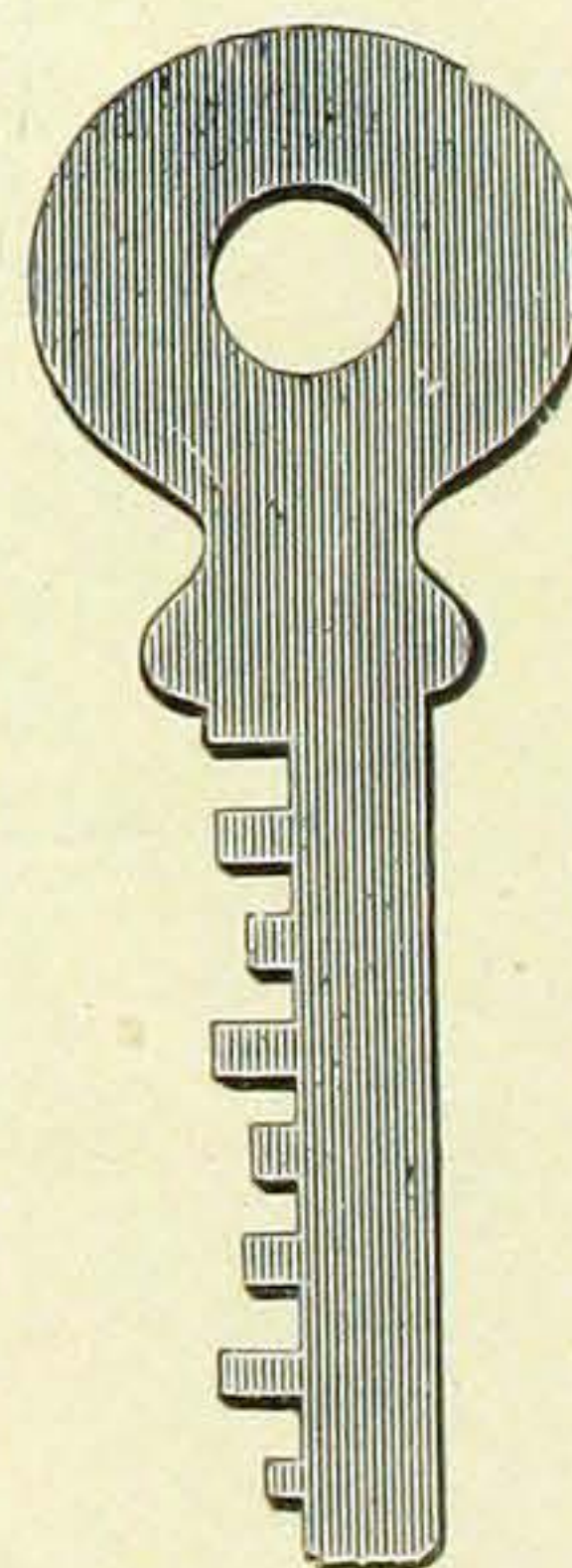
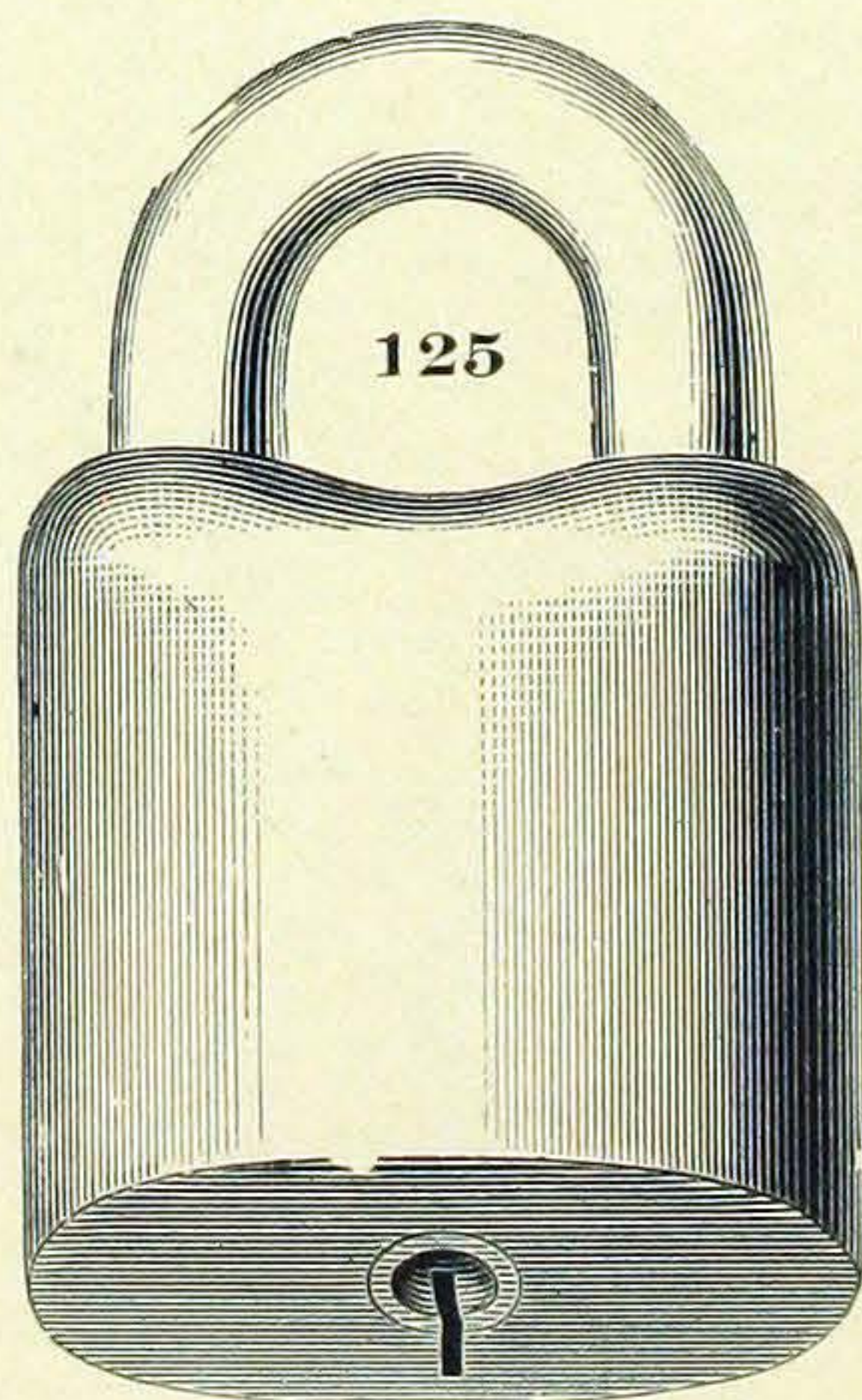


No. 87,			One Key.	Two Keys.
	per dozen, \$5.00		\$5.65	



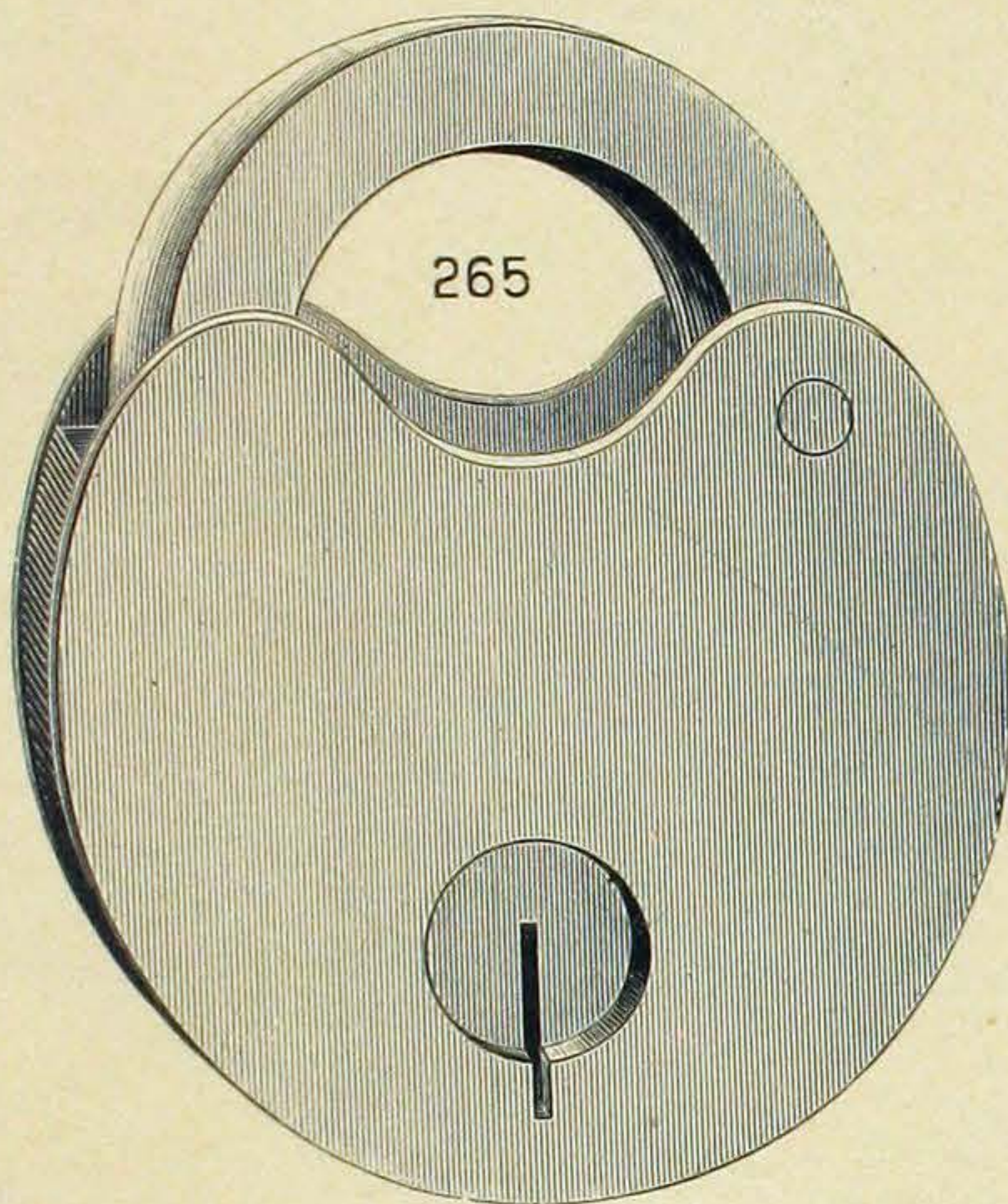
Per dozen,		One Key.	Two Keys.
		\$3.70	\$4.25

Patent Jail or Scandinavian Locks.



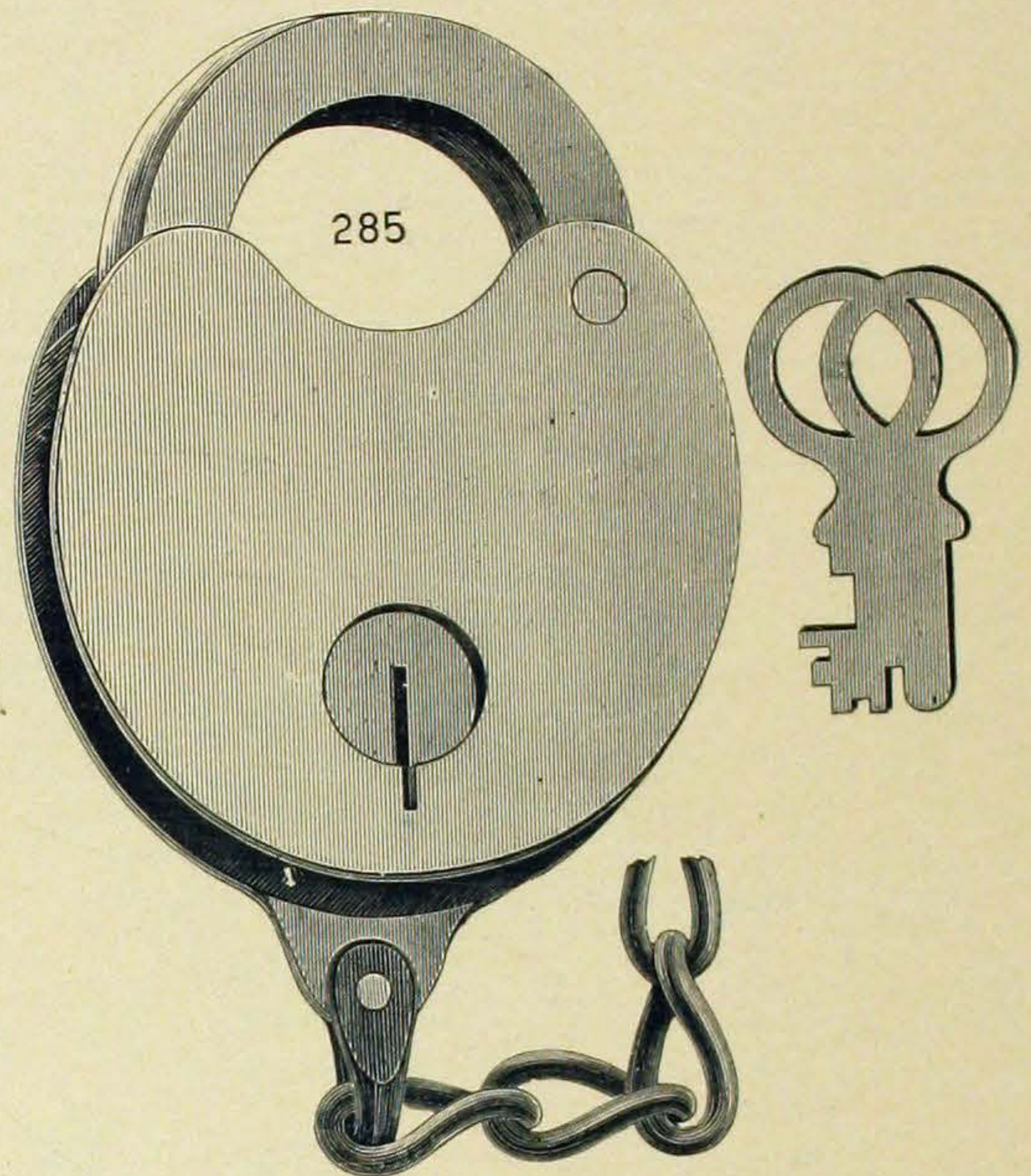
No. 125.	Iron, brass inside works,	Two Keys.
" 126.	" " " " and chain,	per dozen, \$12.00
" 130.	Bronze, " " " "	" 13.50
		" 16.00

Iron and Cast Bronze Spring Padlocks.



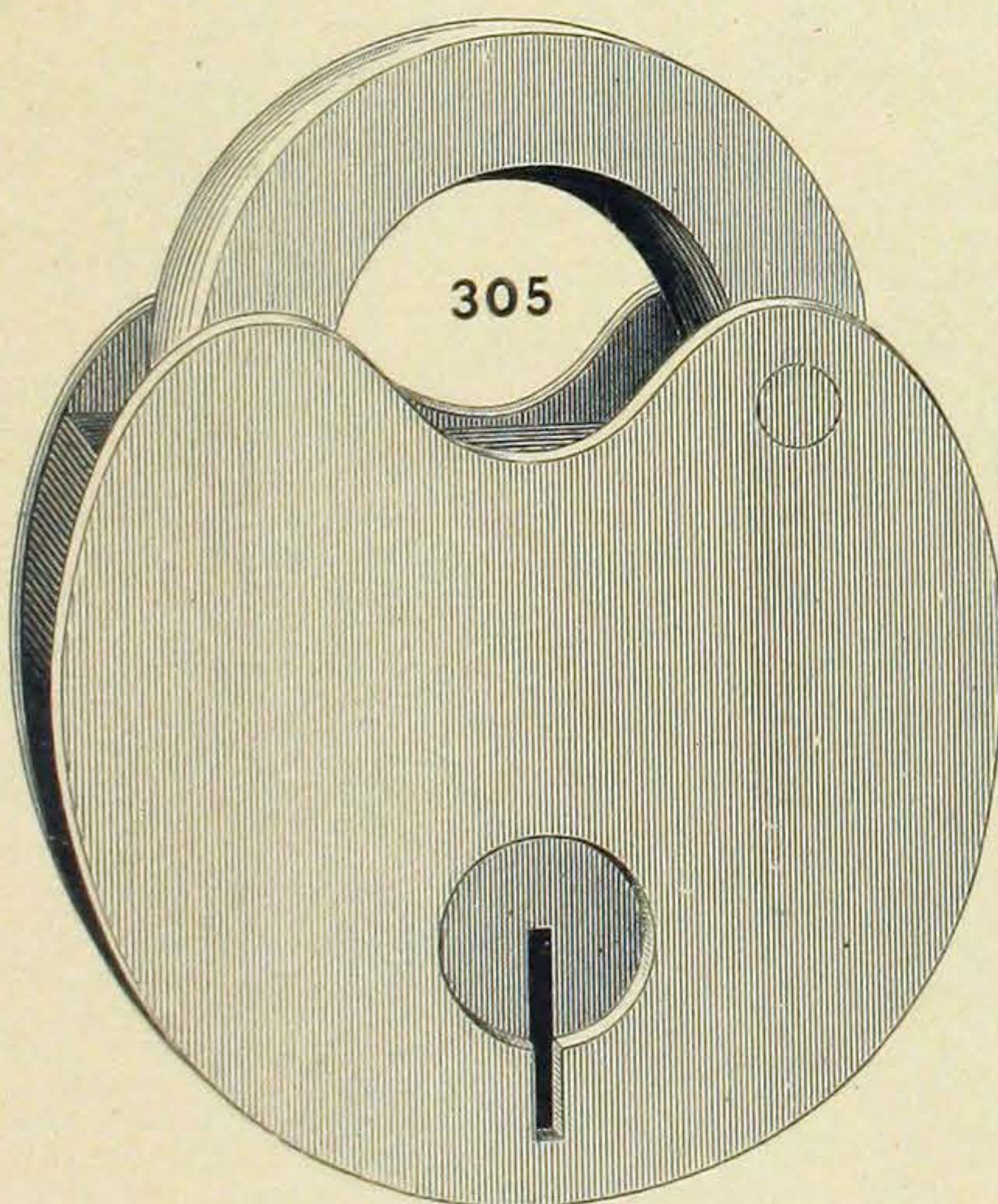
BRASS INSIDE WORKS.

		2 keys.
No. 265.	Mall. iron case,	per doz., \$4.00
" 270.	Bronze case, iron shackle,	" 6.25
" 275.	" " bronze "	" 7.00



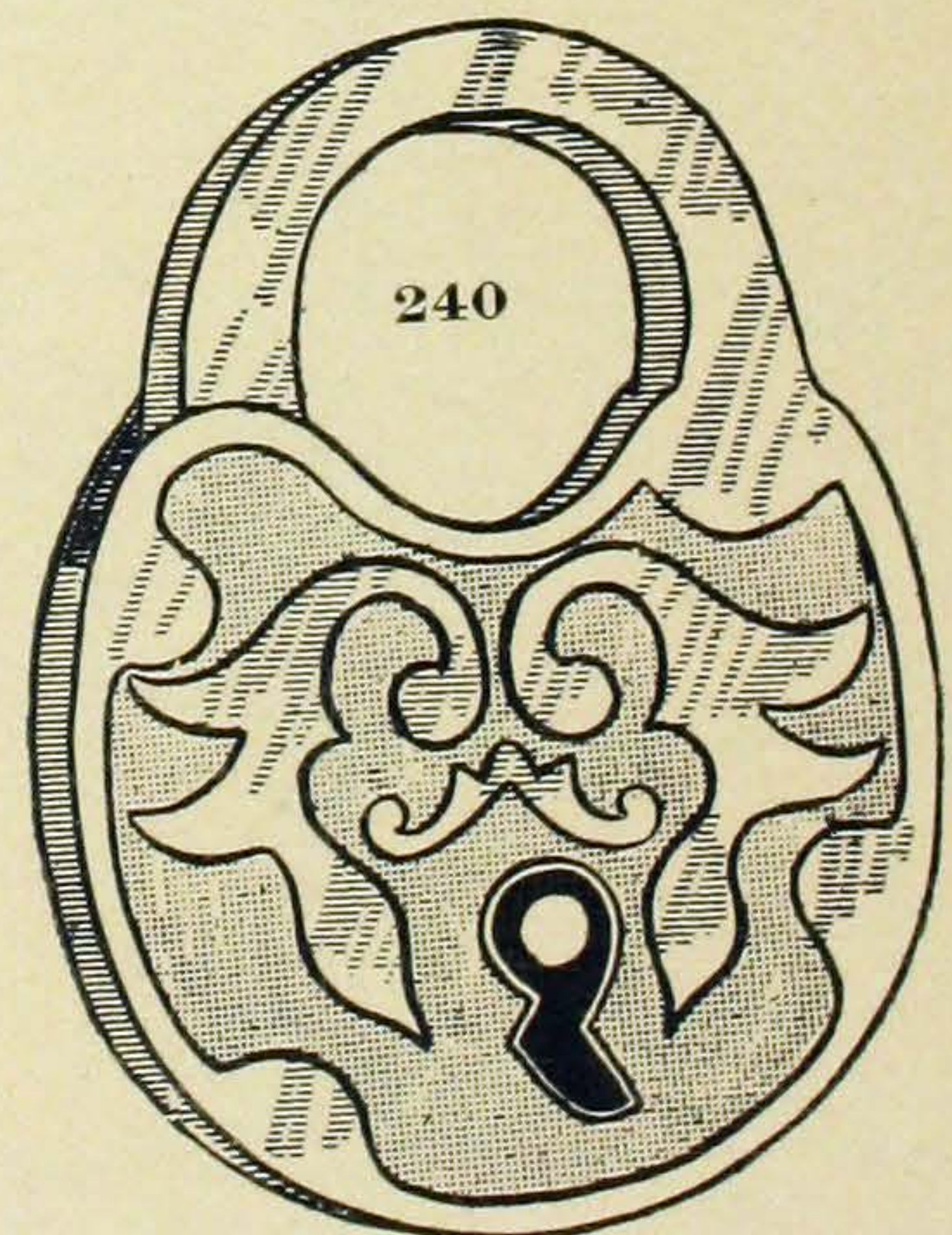
BRASS INSIDE WORKS.

		2 keys.
No. 285.	Mall. iron case, with chain,	per doz., \$5.00
" 290.	Bronze case, iron shackle and chain, "	7.25
" 295.	" " bronze " "	8.00



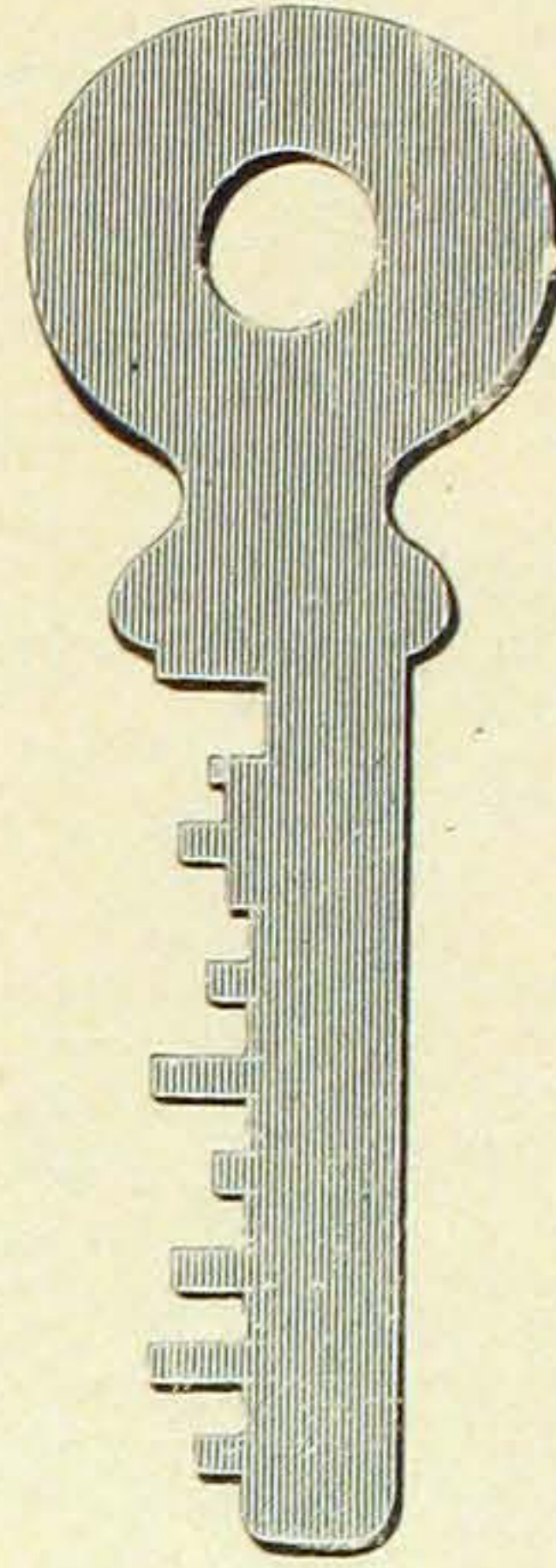
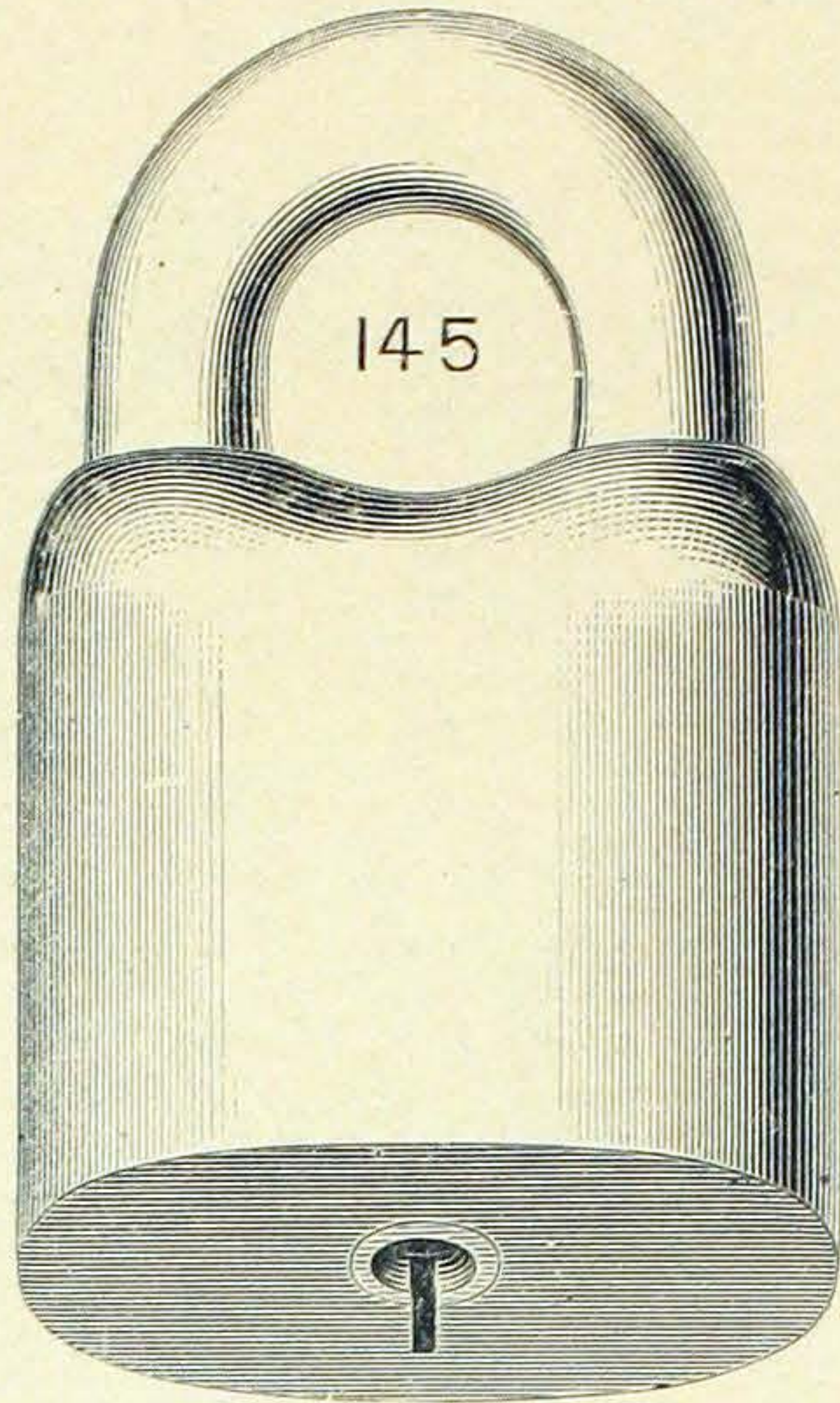
BRASS INSIDE WORKS.

		2 keys.
No. 305.	Mall. iron case,	per doz., \$5.25
" 310.	Bronze case, mall. iron shackle,	" 7.50
" 315.	" " bronze "	" 8.25
" 325.	Mall. iron case and shackle, with chain, "	6.25
" 330.	Bronze " iron " "	8.50
" 335.	" " bronze " "	9.25



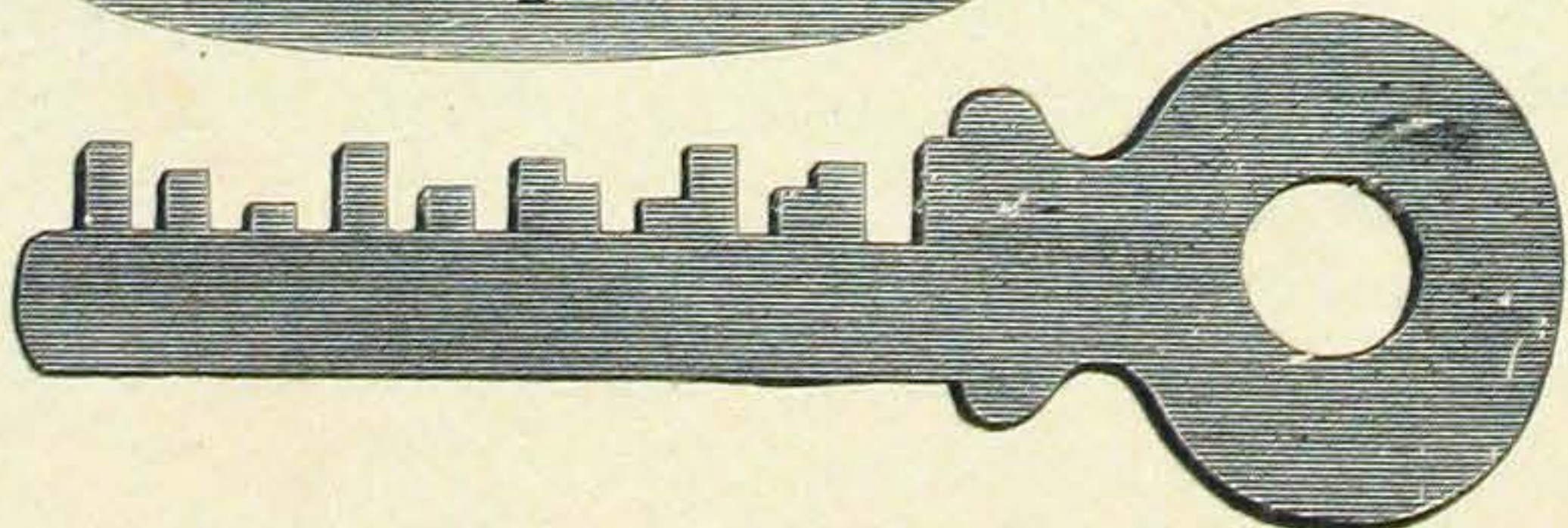
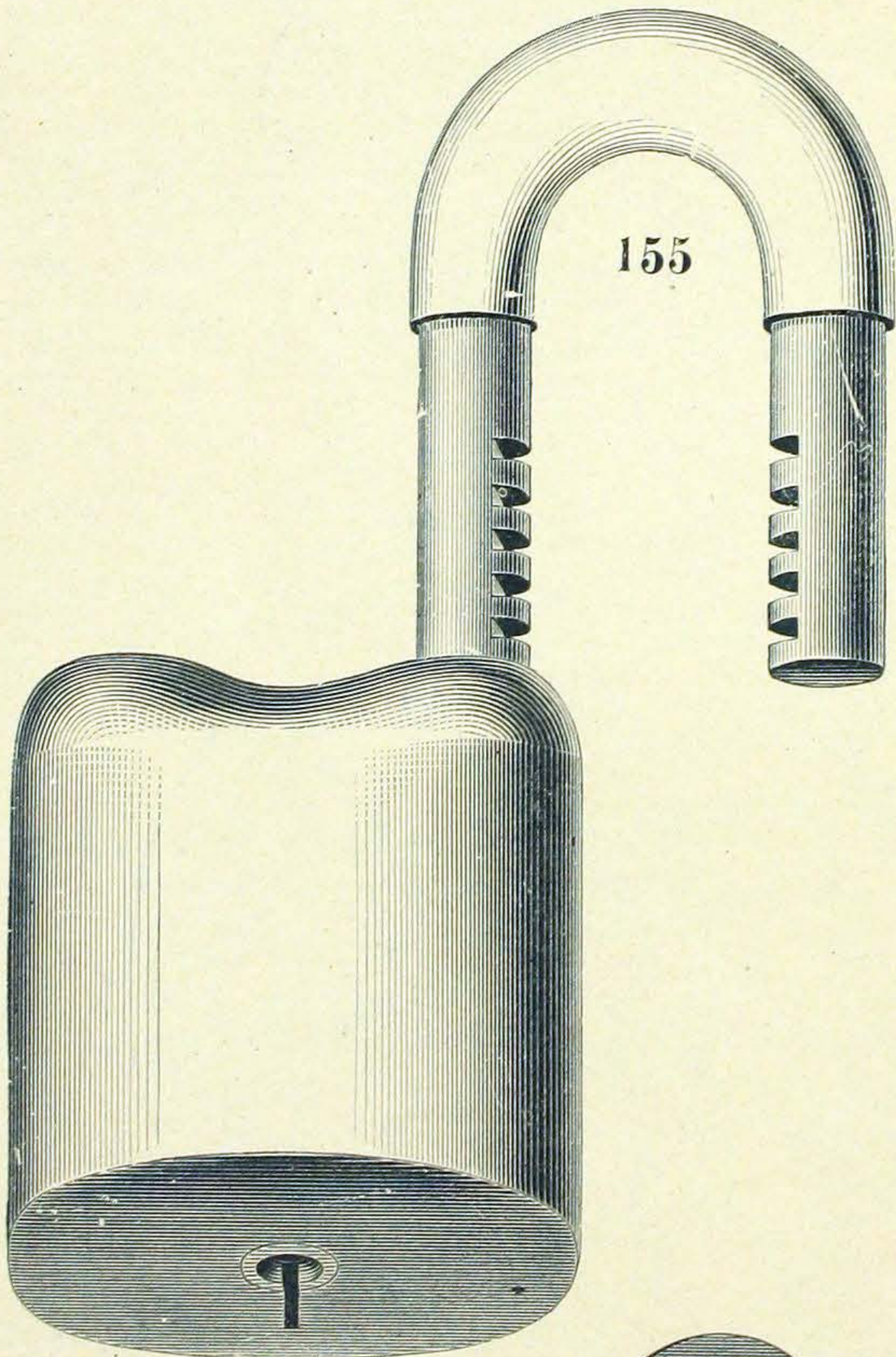
		1 key.	2 keys.
No. 240.	2 inch, Mall. iron,	per doz., \$3.00	\$3.60
" 245.	2 1/4 " " "	4.00	4.60
" 250.	2 1/2 " " "	5.00	5.60

Patent Jail or Scandinavian Locks.

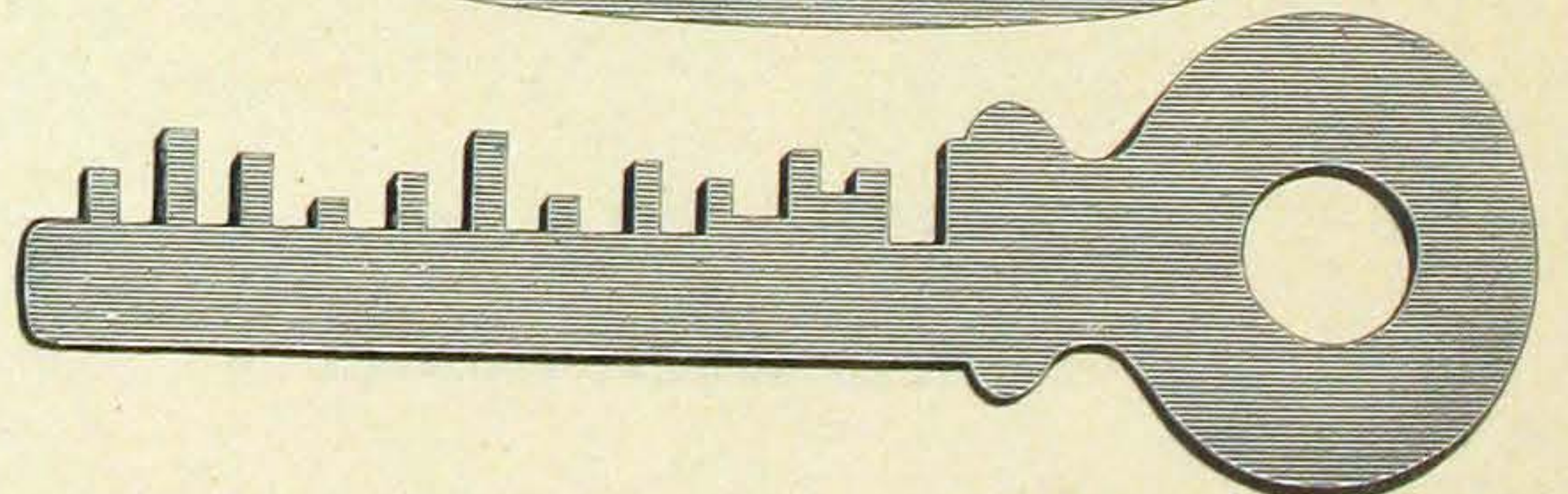


No. 145. Iron, brass inside works,
 " 146. " " " " and chain,

per dozen, \$15.00
 " 17.00

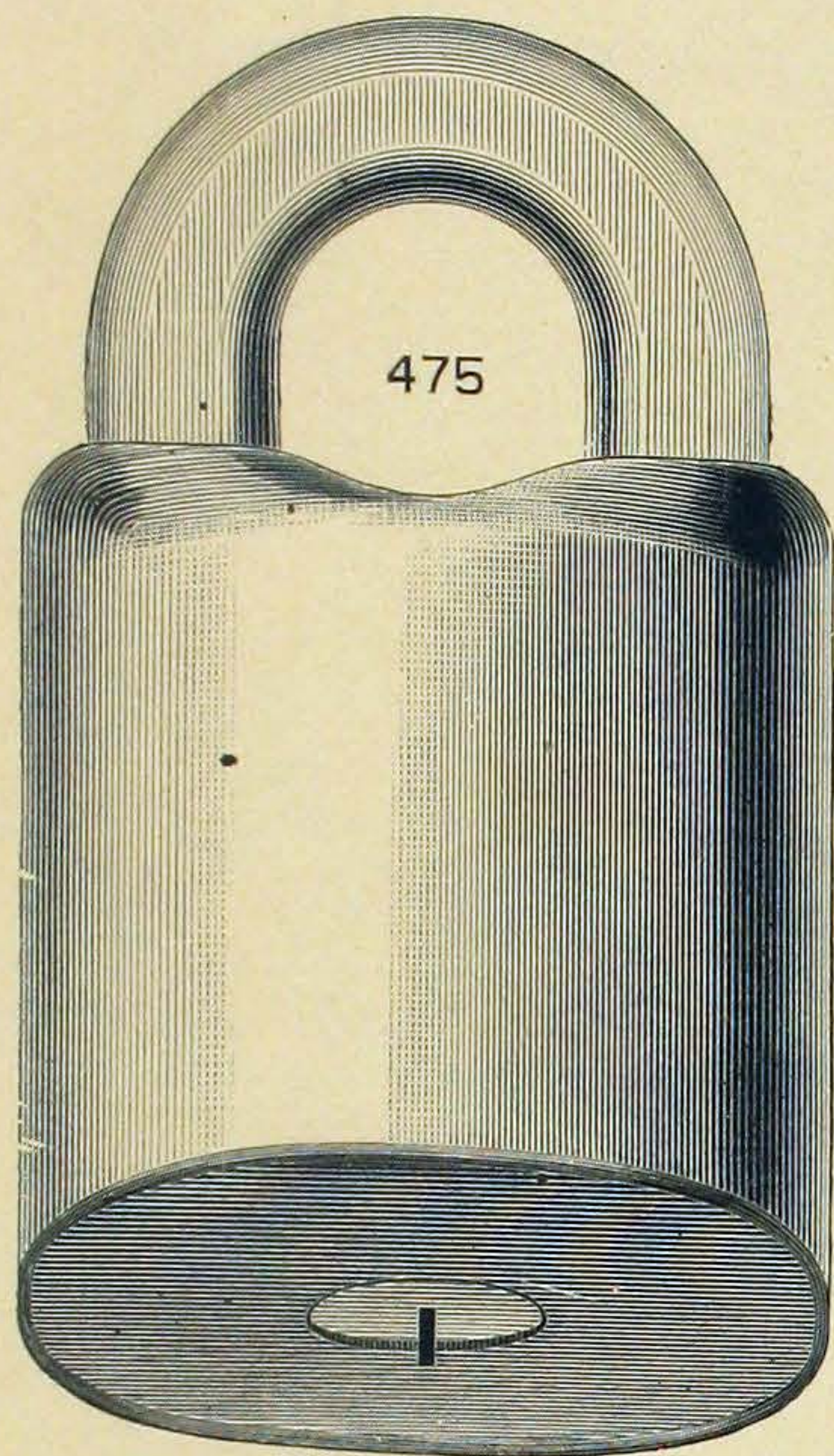


No. 155. Iron lock, brass inside works, per dozen, \$18.00

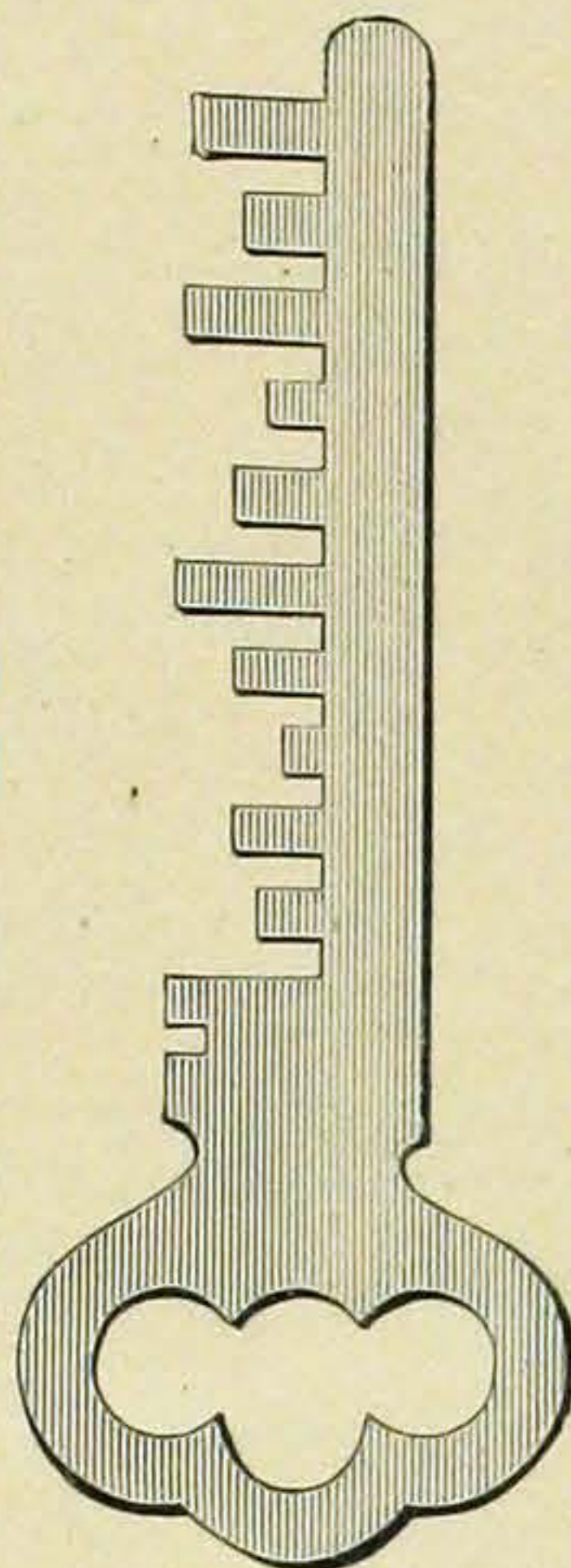


No. 165. Iron lock, brass inside works, per dozen, \$22.50

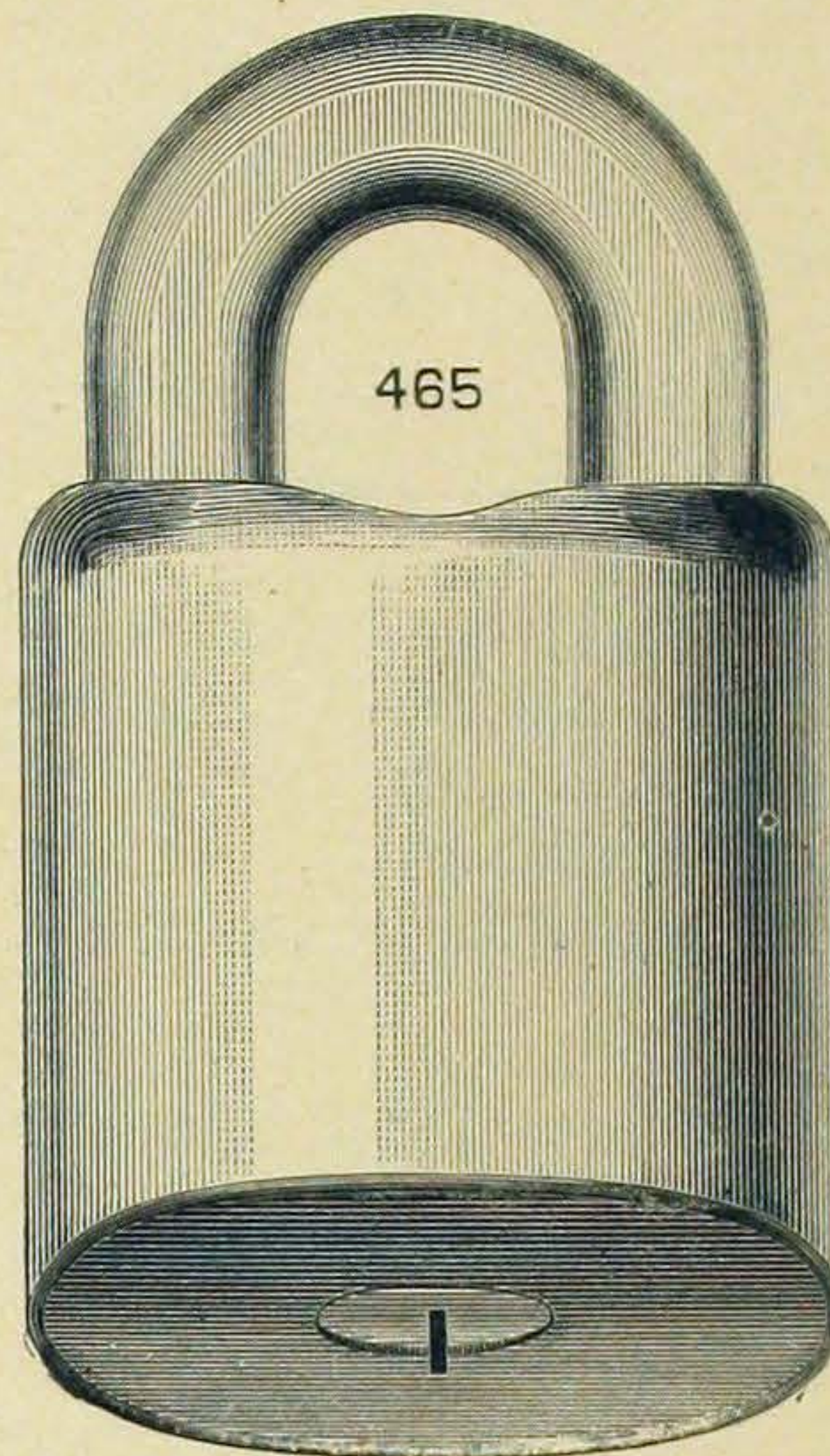
Patent Jail or Scandinavian Locks.



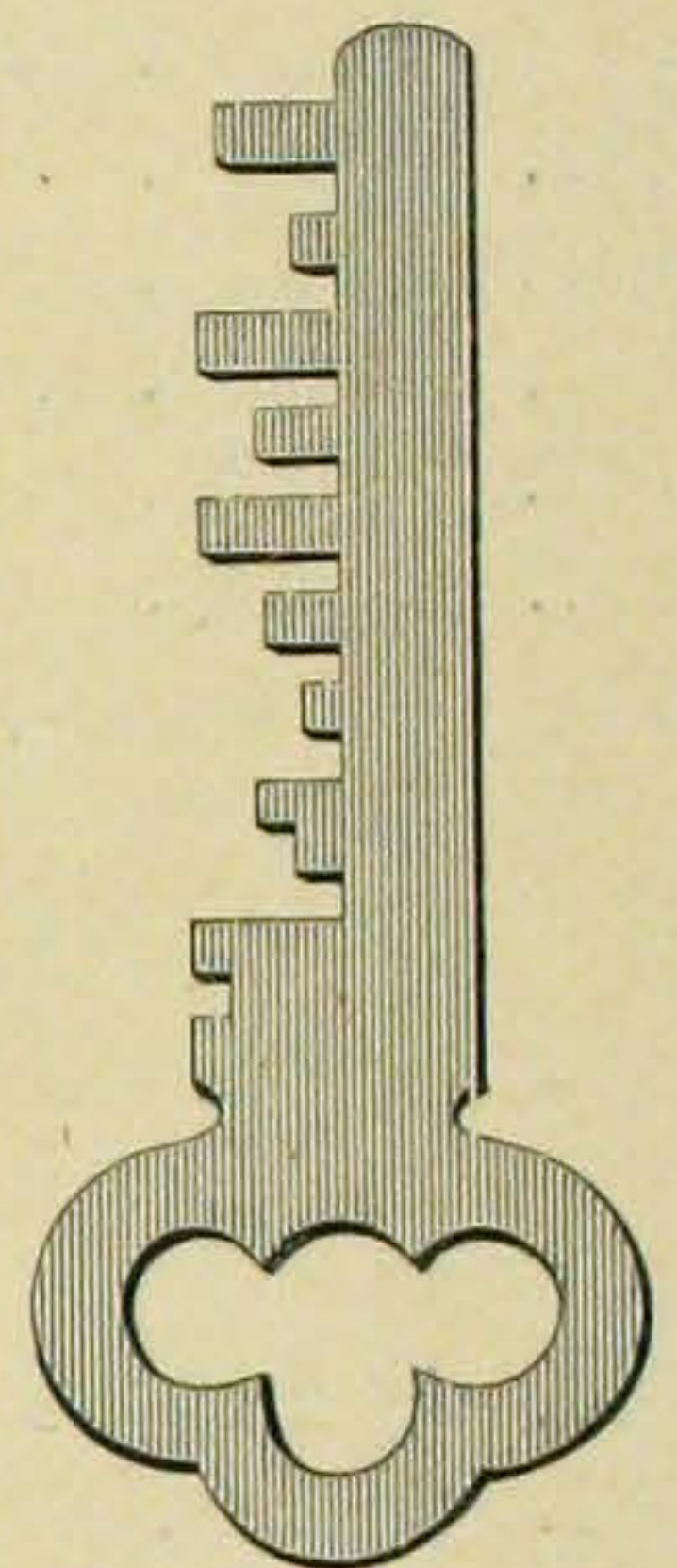
475



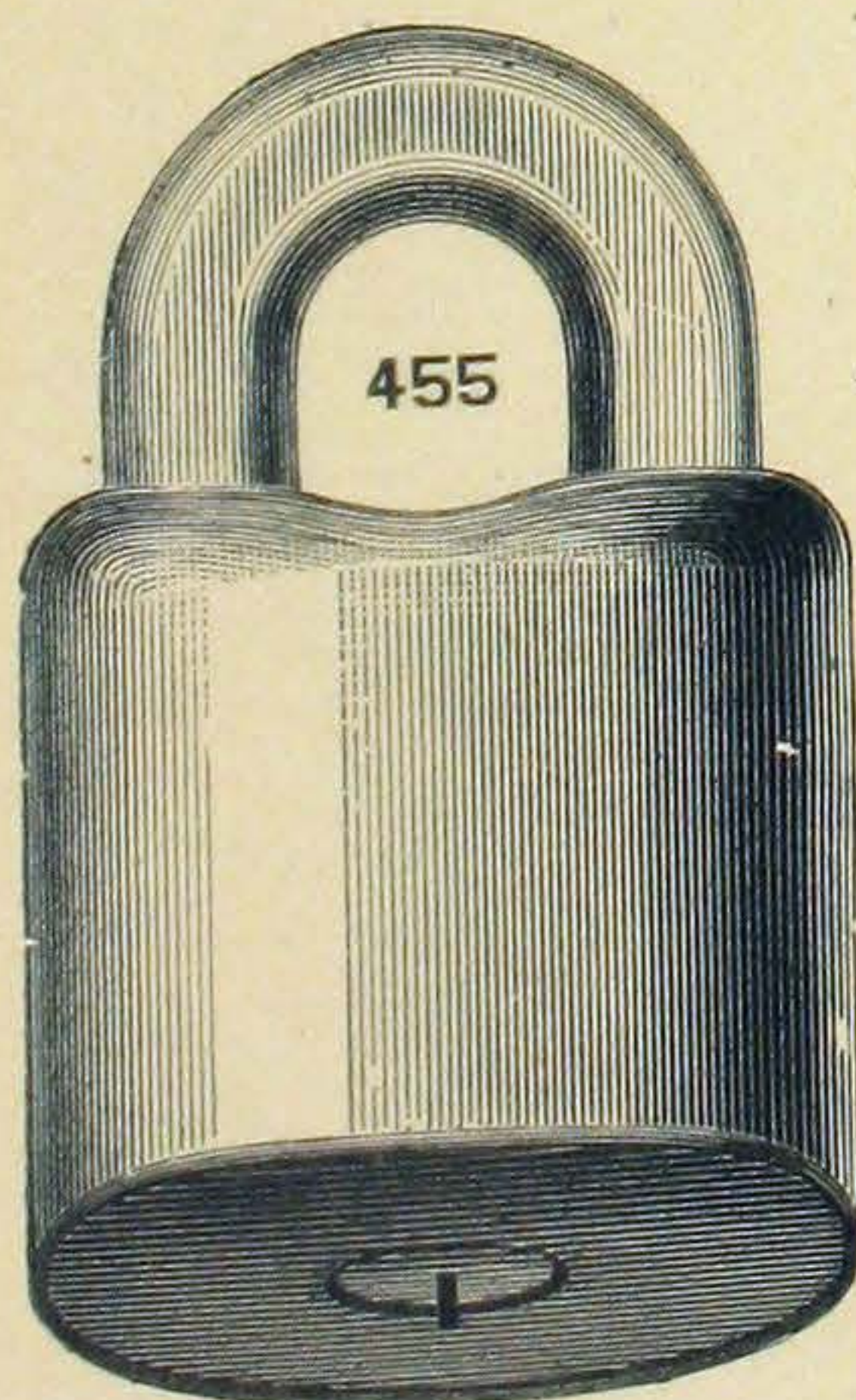
No. 475. Iron, Two Keys.
 " 480. Bronze, per dozen, \$10.00
 " " 19.00



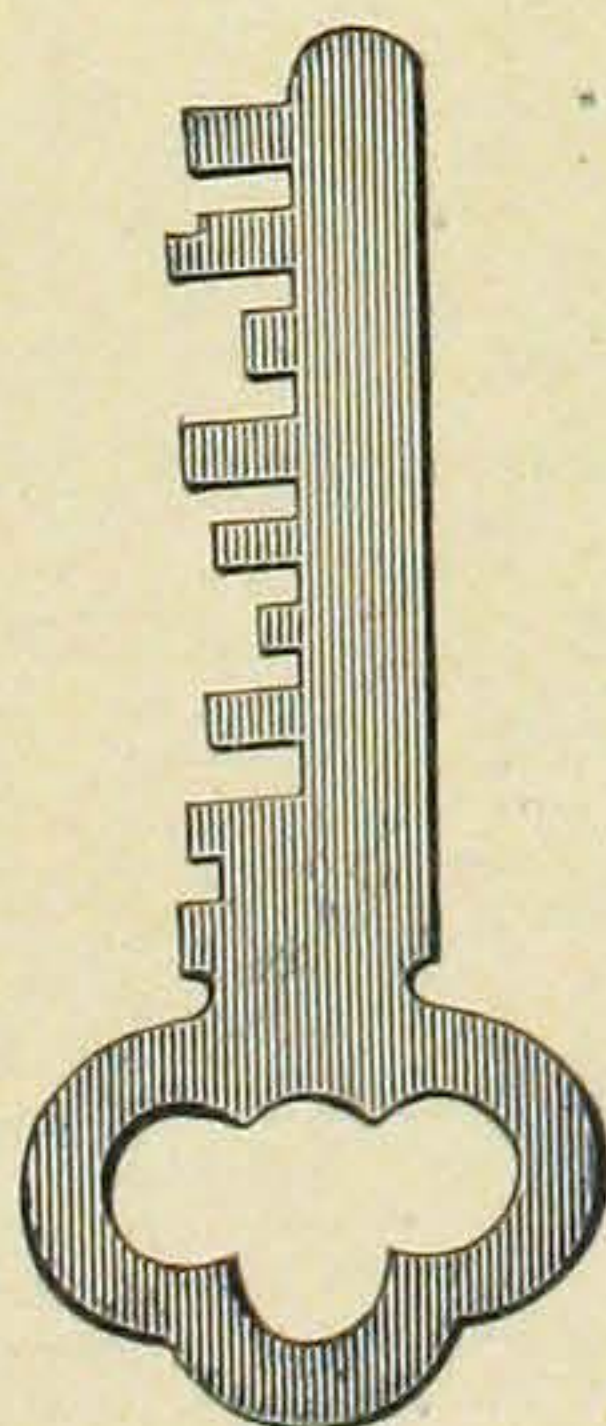
465



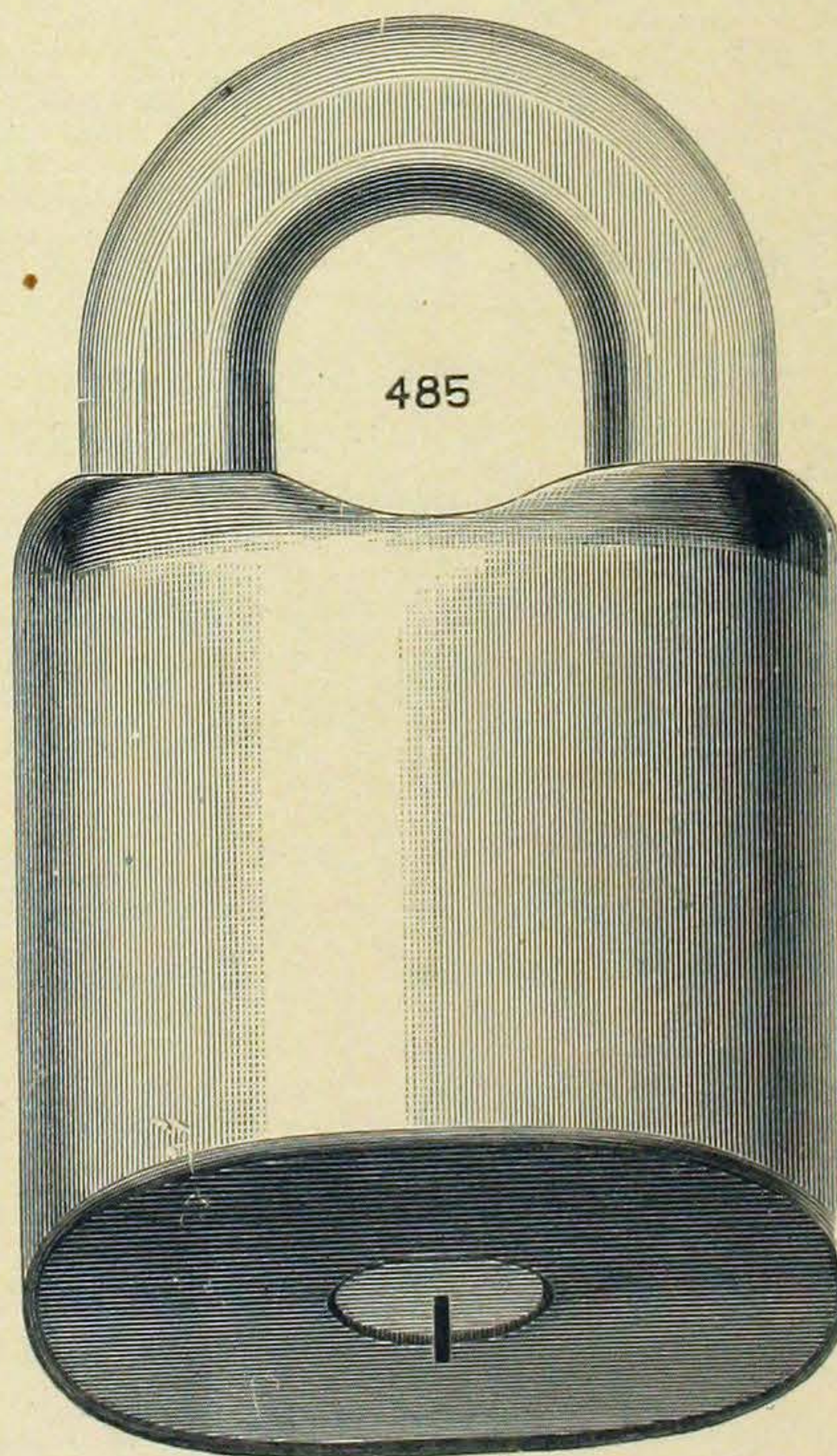
No. 465. Iron, Two Keys.
 " 470. Bronze, per dozen, \$8.25
 " " 15.00



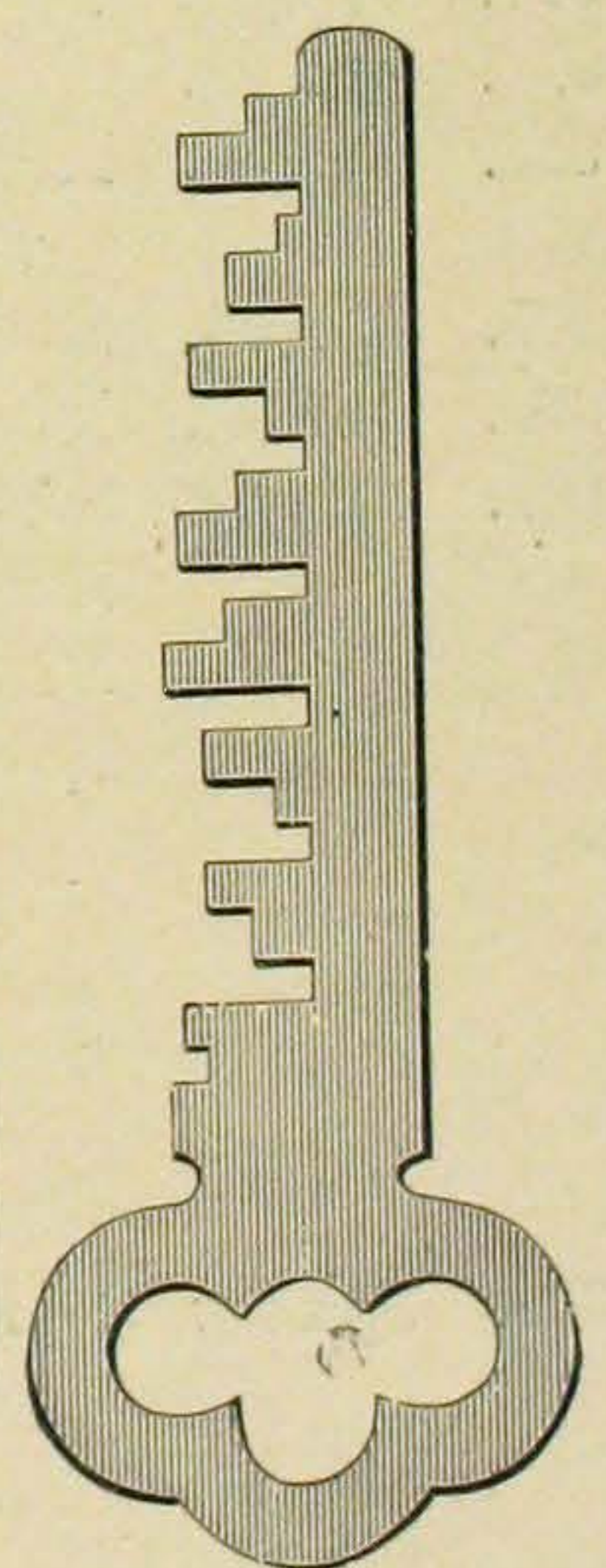
455



No. 455. Iron, Two Keys.
 " 460. Bronze, per dozen, \$6.50
 " " 10.25



485



No. 485. Iron, Two Keys.
 " 490. Bronze, per dozen, \$13.00
 " " 24.00

Patent Horizontal Rim Cylinder Reversible Night Latches.

With Patent Stop and Drawback Knob. Adjustable to Right or Left Hand Doors. Made Reverse when ordered.

Patented April 28th, 1885; May 26th, 1885; June 2d, 1885.

Semi-Circular Key Latches.

Two Nickel Plated Steel Keys to each Latch.

No.	Size.		Per doz.
600.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Iron bolt, bronze escutcheon, with drawback knob,	\$6.50
601.	$3\frac{3}{4} \times 2\frac{5}{8}$.	" " nickel plated escutcheon and knob,	7.25
602.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Bronze bolt, " " " "	8.25
605.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Iron bolt, bronze escutcheon, with drawback knob,	8.50
606.	$4\frac{1}{2} \times 3\frac{1}{4}$.	" " nickel plated escutcheon, and drawback knob,	9.25
607.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Bronze bolt, " " " "	10.50
		Extra keys for above,	1.40
		Blank keys for above,	.75

Flat Keyed Four Tumbler Latches.

Two Nickel Plated Steel Keys to each Latch.

610.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Bronze bolt, escutcheon and knob,	9.00
611.	$3\frac{3}{4} \times 2\frac{5}{8}$.	" " nickel plated escutcheon and knob,	10.00
615.	$4\frac{1}{2} \times 3\frac{1}{4}$.	" " escutcheon and knob,	11.00
616.	$4\frac{1}{2} \times 3\frac{1}{4}$.	" " nickel plated escutcheon and knob,	12.00
		Extra keys for above,	1.10
		Blank keys for above,	.50

Narrow, Flat Keyed Latches.

Two Nickel Plated Steel Keys to each Latch.

625.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Iron bolt, bronze escutcheon, with drawback knob,	6.50
626.	$3\frac{3}{4} \times 2\frac{5}{8}$.	" " nickel plated escutcheon and drawback knob,	7.25
627.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Bronze bolt and escutcheon, with drawback knob,	7.50
628.	$3\frac{3}{4} \times 2\frac{5}{8}$.	" " nickel plated escutcheon and drawback knob,	8.25
630.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Iron bolt, bronze escutcheon, two nickel plated steel keys, drawback knob, which stops the latch by turning,	8.50
631.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 630, with nickel plated knob and escutcheon,	9.00
632.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Bronze bolt and escutcheon, two nickel plated steel keys, drawback knob,	10.25
633.	$4\frac{1}{2} \times 3\frac{1}{4}$.	Same as No. 632, with nickel plated knob and escutcheon,	10.75
		Extra keys for above,	.95
		Blank keys for above,	.45
		Reverse bevel strikers when ordered separate,	1.25

All our latches are reversible, but when ordered are packed with *reverse* bevel strikers.

Bitt-Keyed Night Latches.

Two Nickel Plated Steel Keys to each Latch.

640.	$3\frac{3}{4} \times 2\frac{5}{8}$.	Iron bolt, japanned escutcheon, nickel plated drawback knob,	5.00
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Janus-Faced Rim Dead Lock.

660.	$3\frac{3}{4} \times 2\frac{3}{4}$.	Bronze bolt, three brass tumblers, two nickel plated steel keys, screws and japanned escutcheon,	7.25
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Romer & Co.'s Cast Bronze Spring Padlocks.

No.			Per dozen.	
			One key.	Two keys.
O. A.	$\frac{3}{4}$ inch	bronze spring padlock, no drop,	\$2.35	\$2.95
O. A. N.	$\frac{3}{4}$ "	nickel plated " "	3.35	3.95
O. B.	$\frac{7}{8}$ "	bronze spring " "	2.65	3.25
O. B. N.	$\frac{7}{8}$ "	nickel plated " "	3.65	4.25
0.	1	spring padlock, no drop,	3.00	3.75
0N.	1	" " nickel plated,	4.00	5.00
0C.	1	" " and chain,	3.75	4.50
0CN.	1	" " " nickel plated,	5.00	5.75
$\frac{1}{2}$.	$1\frac{1}{8}$	" " " "	3.50	4.30
$\frac{1}{2}$.N	$1\frac{1}{8}$	" " nickel plated,	4.50	5.50
$\frac{1}{2}$ C.	$1\frac{1}{8}$	" " and chain,	4.25	5.05
$\frac{1}{2}$ CN.	$1\frac{1}{8}$	" " " nickel plated,	5.55	6.35
1.	$1\frac{1}{4}$	" " " "	4.00	5.00
1A.	$1\frac{1}{4}$	" " flat steel key,	5.00	6.00
1C.	$1\frac{1}{4}$	" " and chain,	5.00	6.00
1CN.	$1\frac{1}{4}$	" " " nickel plated,	6.40	7.40
2.	$1\frac{1}{2}$	" " " "	5.25	6.25
2A.	$1\frac{1}{2}$	" " flat steel key,	6.75	7.75
2C.	$1\frac{1}{2}$	" " and chain,	6.25	7.25
3.	$1\frac{3}{4}$	" " " "	6.50	7.50
3A.	$1\frac{3}{4}$	" " flat steel key,	8.25	9.25
3C.	$1\frac{3}{4}$	" " and chain,	7.75	8.75
4.	$2\frac{1}{8}$	" " " "	8.00	9.25
4B.	$2\frac{1}{8}$	" " " "	7.50	8.75
5.	$2\frac{1}{2}$	" " " "	9.25	10.75
6.	$2\frac{1}{8}$	" " plain drop,	8.75	10.00
7.	$2\frac{1}{2}$	" " " "	10.00	11.50
8.	$2\frac{1}{8}$	" " spring drop,	9.50	10.75
9.	$2\frac{1}{2}$	" " " "	11.00	12.50
10.	3	" " " "	20.00	22.50
11.	$2\frac{1}{2}$	" " and chain,	12.50	14.00
12.	$2\frac{1}{8}$	" " " "	10.50	11.75
13.	$2\frac{1}{2}$	" " plain drop " "	11.50	13.00
14.	$2\frac{1}{8}$	" " " "	9.75	11.00
17.	$2\frac{5}{8}$	" " spring drop, no chain,	15.00	16.50
18.	$2\frac{5}{8}$	" " and chain,	17.00	18.50
19.	3	" " " "	24.00	26.50
20.	3	" 3-tumbler R.R. car lock, spring drop and chain,	30.00	33.00
21.	3	" 3 " store door padlock, " no chain,	27.00	30.00
22.	$2\frac{1}{2}$	" Spring padlock, spring drop and chain,	14.00	15.50
25.	$2\frac{5}{8}$	" 3-tumbler spring lock, " "	20.00	22.00
32.	3	" Bronze spring padlock, spring drop, iron shackle,	26.00	28.00
33.	3	" " " bronze " "	29.00	31.00
34.	$3\frac{1}{2}$	" " " iron " "	30.00	32.00
35.	$3\frac{1}{2}$	" " " bronze " "	33.00	35.00
36.	$3\frac{1}{2}$	" Heavy spring " " "	42.00	45.00
37.	$3\frac{1}{2}$	" " 3-tumbler, spring drop, bronze shackle,	45.00	48.00
38.	4	" " spring drop, bronze shackle and chain,	60.00	63.00
39.	5	Heavy 4-tumbler " " " each, 12.00		

Romer & Co.'s Water-Proof Cast Bronze Tumbler Padlocks.**FLAT KEY.**

No.		Per dozen.	
		One key.	Two keys.
81.	$\frac{3}{4}$ inch spring padlock,	\$2.25	\$2.65
82.	$\frac{7}{8}$ " " " " " " " " " " " "	2.50	2 90
83.	1 " " " " " " " " " " " "	2.80	3 25
84.	$1\frac{1}{8}$ " " " " " " " " " " " "	3 25	3 75
85.	$1\frac{1}{4}$ " " " " " " " " " " " "	3.70	4 25
86.	$1\frac{3}{8}$ " " " " " " " " " " " "	4.25	4.85
87.	$1\frac{1}{2}$ " " " " " " " " " " " "	5.00	5.65
88.	$1\frac{3}{4}$ " " " " " " " " " " " "	5.75	6.45
89.	2 " " " " " " " " " " " "	7.00	7.80
90.	$2\frac{1}{4}$ " " " " " " " " " " " "	8.50	9.40
91.	$2\frac{1}{2}$ " " " " " " " " " " " "	10.00	11.00

To padlocks Nos. 81, 82, 83 and 84 add \$1.00 per dozen for nickel plating, and \$2.25 per dozen for plating and chain attached.

Iron and Cast Bronze Spring Padlocks.**FLAT STEEL KEYS.**

No.		Per dozen.	
		One key.	Two keys.
205.	$2\frac{1}{4}$ inch, iron, polished iron shackle,	\$2.20	\$2 80
210.	$2\frac{1}{4}$ " bronze " " " " " " " " " " " "	4.50	5.10
215.	$2\frac{1}{4}$ " " " " bronze " " " " " " " " " " " "	5.25	5.85
225.	$2\frac{1}{2}$ " iron " iron " " " " " " " " " "	2.50	3.10
230.	$2\frac{1}{2}$ " bronze " " " " " " " " " " " "	5.25	5.85
235.	$2\frac{1}{2}$ " " " " bronze " " " " " " " " " " " "	6.00	6 60

Locks with Brass Inside Works.

265.	2 inch, iron, polished iron shackle,		\$4.00
270.	2 " bronze " " " " " " " " " " " "		6.25
275.	2 " " " " bronze " " " " " " " " " " " "		7.00
285.	2 " iron " iron " with chain,		5.00
290.	2 " bronze " " " " " " " " " " " "		7.25
295.	2 " " " " bronze " " " " " " " " " " " "		8.00
305.	$2\frac{1}{4}$ " iron " iron " no chain,		5.25
310.	$2\frac{1}{4}$ " bronze " " " " " " " " " " " "		7.50
315.	$2\frac{1}{2}$ " " " " bronze " " " " " " " " " " " "		8.25
325.	$2\frac{1}{4}$ " iron " iron " with chain,		6.25
330.	$2\frac{1}{4}$ " bronze " " " " " " " " " " " "		8.50
335.	$2\frac{1}{4}$ " " " " bronze " " " " " " " " " " " "		9.25
345.	$2\frac{1}{2}$ " iron " iron " no chain,		6.50
350.	$2\frac{1}{2}$ " bronze " " " " " " " " " " " "		9.00
355.	$2\frac{1}{2}$ " " " " bronze " " " " " " " " " " " "		10.00
365.	$2\frac{1}{2}$ " iron " iron " with chain,		7.75
370.	$2\frac{1}{2}$ " bronze " " " " " " " " " " " "		10.25
375.	$2\frac{1}{2}$ " " " " bronze " " " " " " " " " " " "		11.25

Malleable Iron Spring Padlocks.

No.		Per dozen.	
		One key.	Two keys.
240.	2 inch, Spring Padlock,	\$3.00	\$3.60
245.	$2\frac{1}{4}$ " " " " " " " " " " " "	4.00	4.60
250.	$2\frac{1}{2}$ " " " " " " " " " " " "	5.00	5.65

Romer & Co's Self-Locking Tumbler Cast Bronze Spring Padlocks.

Drilled Brass Keys.			Flat Steel Keys.		Per dozen. Two keys.
No.		Per dozen.			
60	2 in. lock, with spring drop, no chain,	\$12.00	76.	1 $\frac{3}{4}$ inch lock no chain,	\$ 9 25
61,	2 " " and "	13.50	77.	1 $\frac{3}{4}$ " with "	10.50
62.	2 $\frac{1}{4}$ " " no "	13.50	68.	2 " no "	12.00
63.	2 $\frac{1}{4}$ " " and "	15.00	69.	2 " with "	13.50
64.	2 $\frac{1}{2}$ " " no "	16.00	70.	2 $\frac{1}{4}$ " no "	13.50
65.	2 $\frac{1}{2}$ " " and "	18.00	71.	2 $\frac{1}{4}$ " with "	15.00
66.	2 $\frac{3}{4}$ " " no "	19.00	72.	2 $\frac{1}{2}$ " no "	16.00
67.	2 $\frac{3}{4}$ " " and "	21.00	73.	2 $\frac{1}{2}$ " with "	18.00
			74.	2 $\frac{3}{4}$ " no "	19 00
			75.	2 $\frac{3}{4}$ " with "	21.00
			78.	3 $\frac{1}{2}$ " no "	60.00
			79.	3 $\frac{1}{2}$ " with "	63.00

Extra keys, \$1.50 per dozen.

Extra keys \$1.00 per dozen.

Patent Jail or Scandinavian Padlocks.

No.		Flat Steel Keys.	Per dozen.
445.	Iron case, two keys,		\$5.00
450.	Bronze " "		7.75
455.	Iron " "		6 50
460.	Bronze " "		10.25
465.	Iron " "		8.25
470.	Bronze " "		15.00
475.	Iron " "		10.00
480.	Bronze " "		19.00
485.	Iron " "		13.00
490.	Bronze " "		24.00
495.	Iron " "		26.00

Extra keys, \$1.50 per dozen.

Extra keys, No. 495, \$2.50 per dozen.

Flat Steel Keys and Brass Inside Works.

105.	Iron case, two keys,	\$10 00
110.	Bronze " "	13.50
125.	Iron " "	12.00
126.	" " " with chain,	13.50
130.	Bronze " "	16.50
128.	" " " "	18.00
145.	Iron " "	15.00
146.	" " " "	17.00
155.	" " " "	18.00
165.	" " " "	22.50
171.	Nickel plated.	3.00

Drilled Blank Keys.

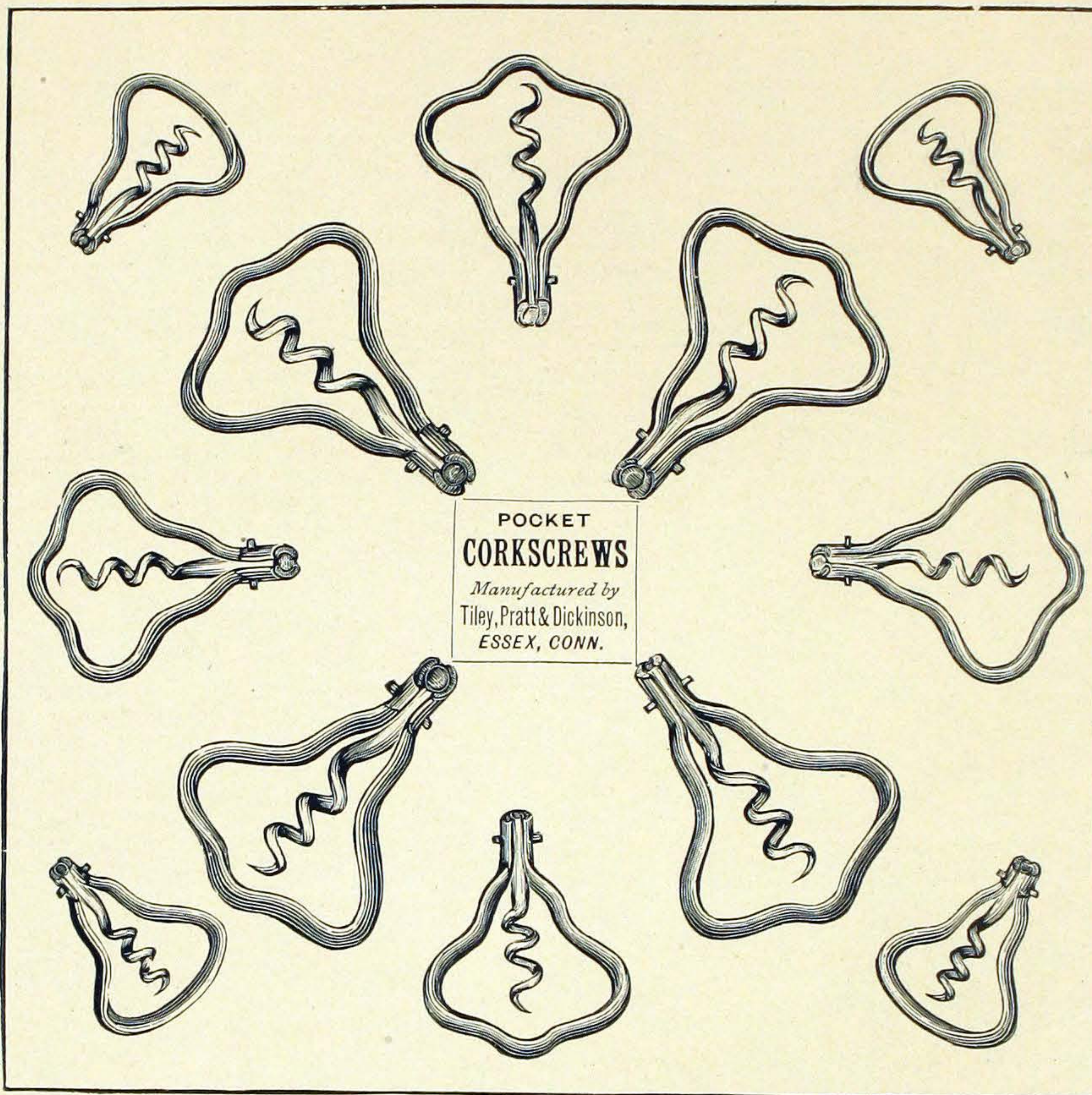
Blanks for locks Nos. 10, 19, 20 and 21,	\$1.25
" all 2 $\frac{1}{2}$ inch locks,	1.00
" locks Nos. 0 to 4 and 6, 8, 12 and 14,	.90

Flat Blank Keys.

Blanks for padlocks Nos. 81, 82 and 83,	\$0.25
Steel blanks for " 84, 85 and 86,	.30
" " " 87, 88, 205, 405, 505,	.35
" " " 89, and 265 to 375,	.40
" " " 90,	.45
" " " 91, 68 to 77, 105 to 125 and 445 to 460	.50
" " " 145 to 165 and 465 to 490,	.75

AGENTS FOR
 TILEY, PRATT & DICKINSON,
 MANUFACTURERS OF
 CORKSCREWS.

PAN AMERICAN.

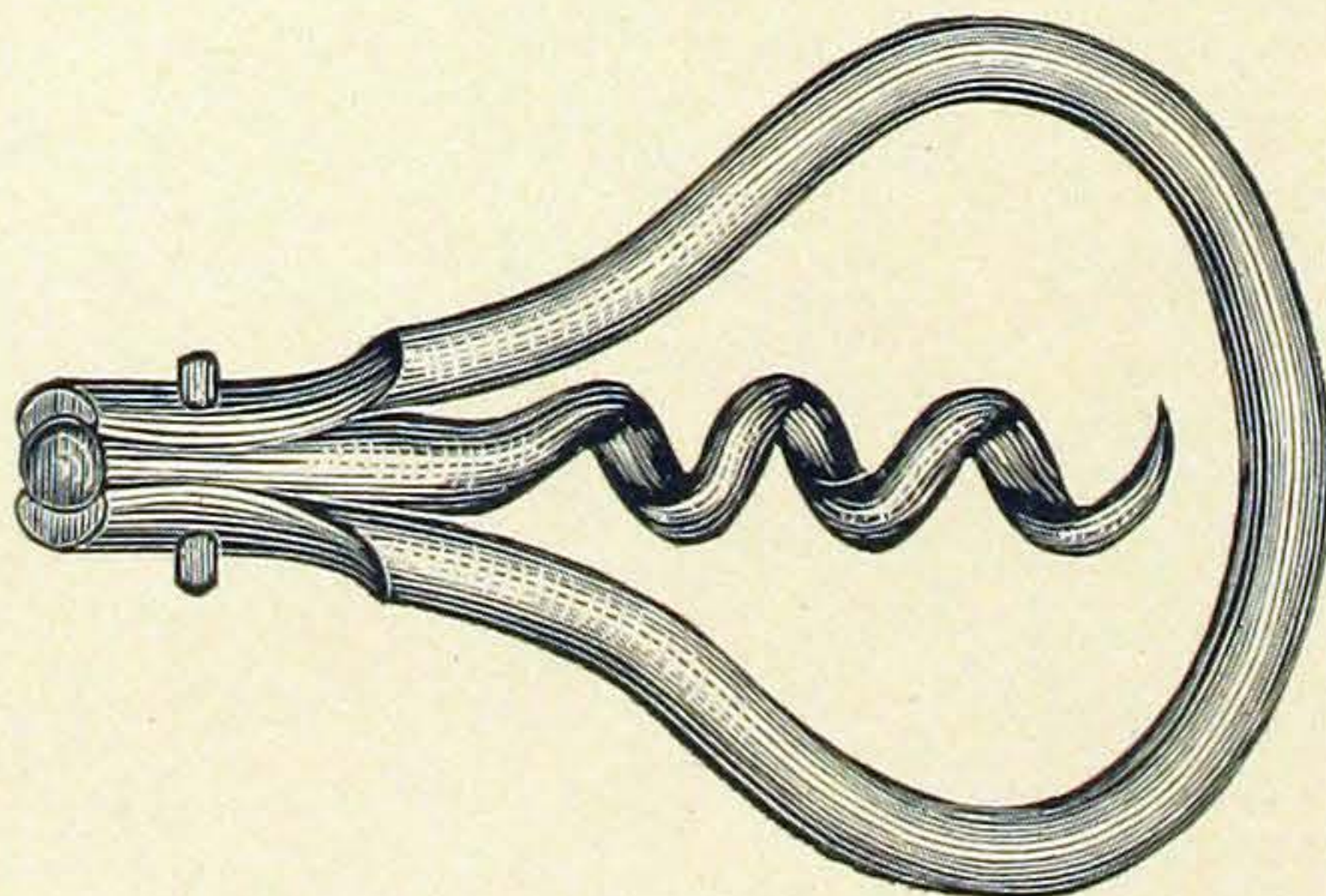


CUT ONE-HALF SIZE.

No. 105.

All Steel, best finish, Nickel Plated, one dozen assorted sizes on a card, per gross, \$12.00

THE LEADER.

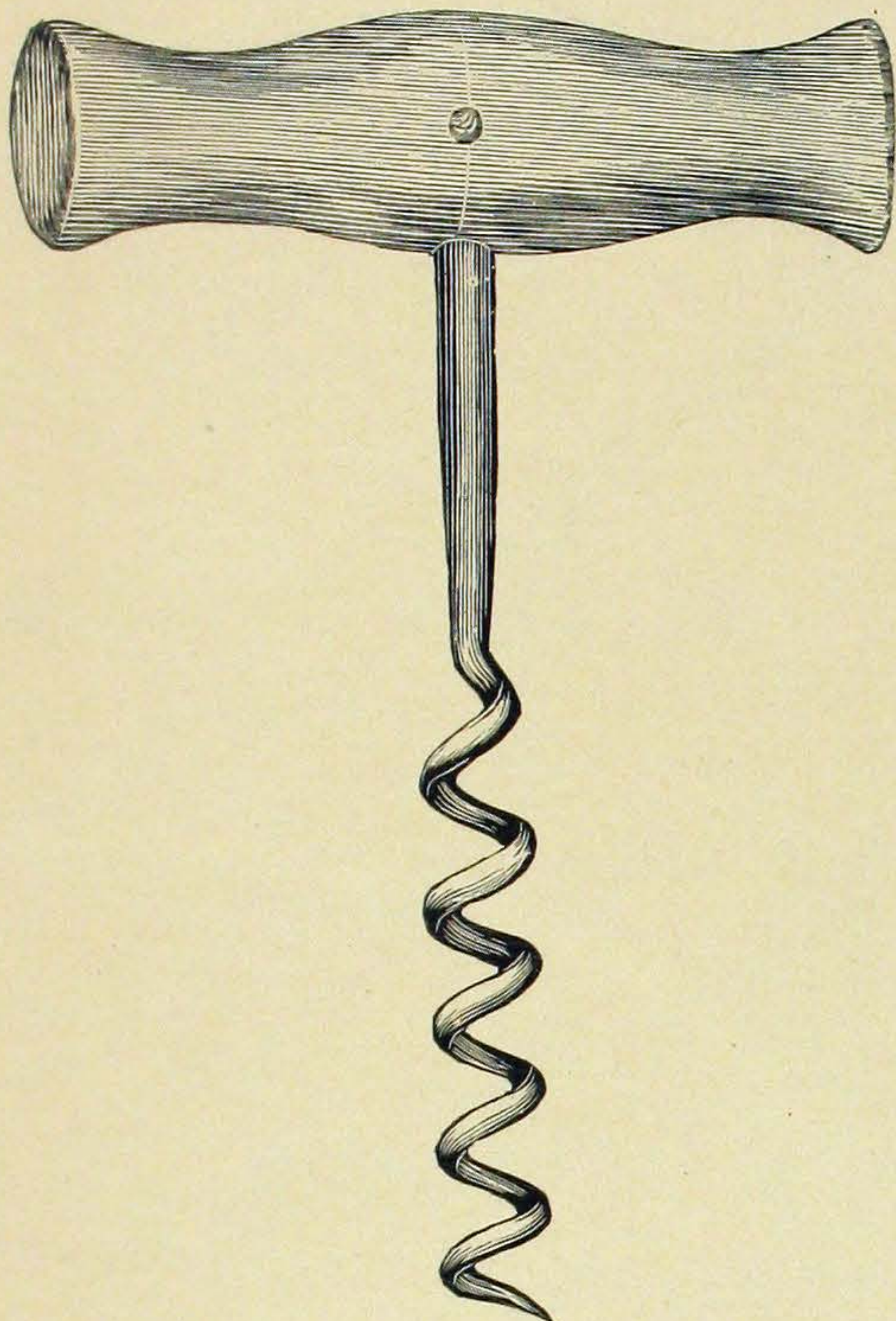


FULL SIZE CUT.

No. 110.

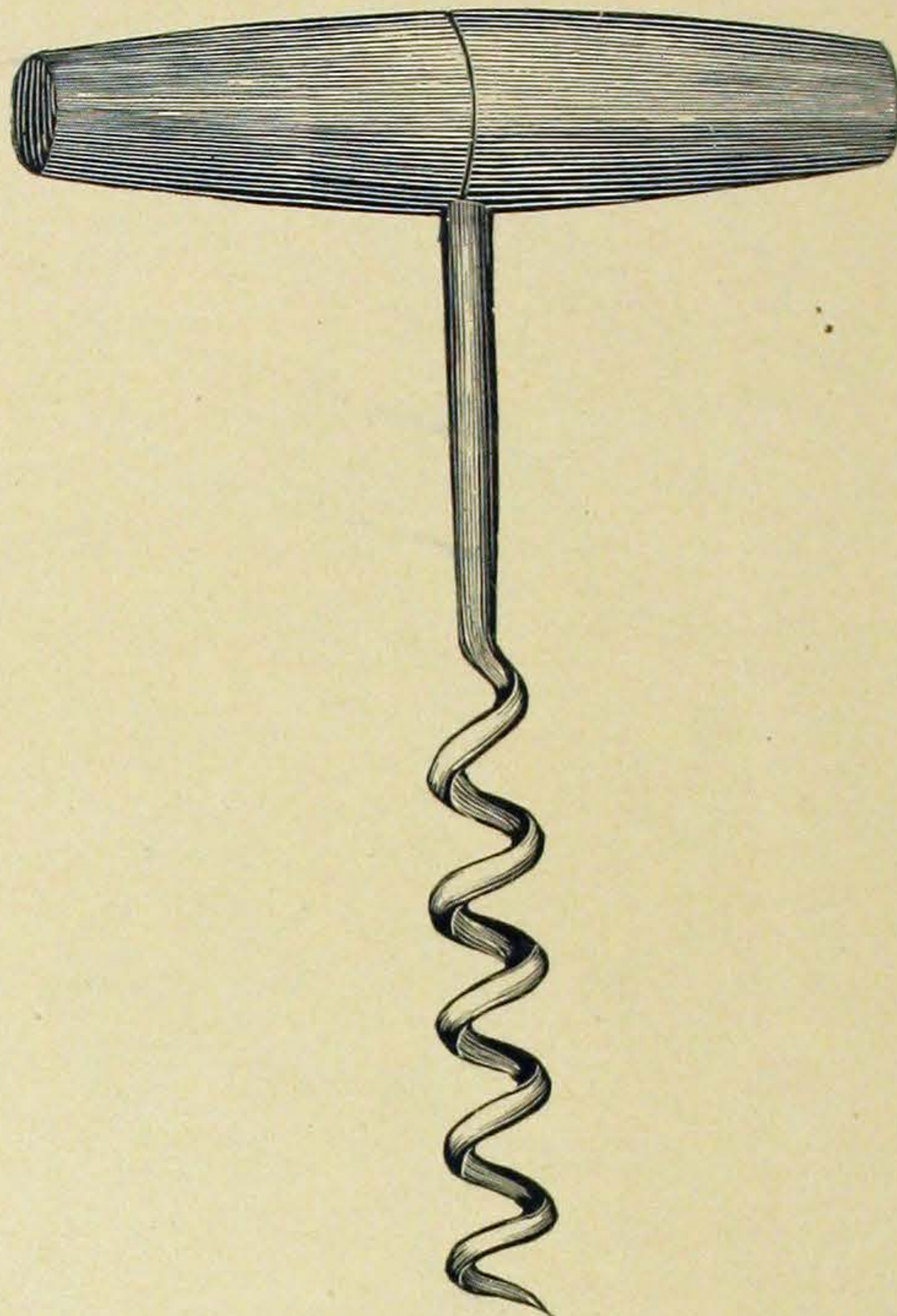
All Steel, nickel plated, one size, one dozen on a card, per gross, \$10.00

CUT FULL SIZE.



No. 200.

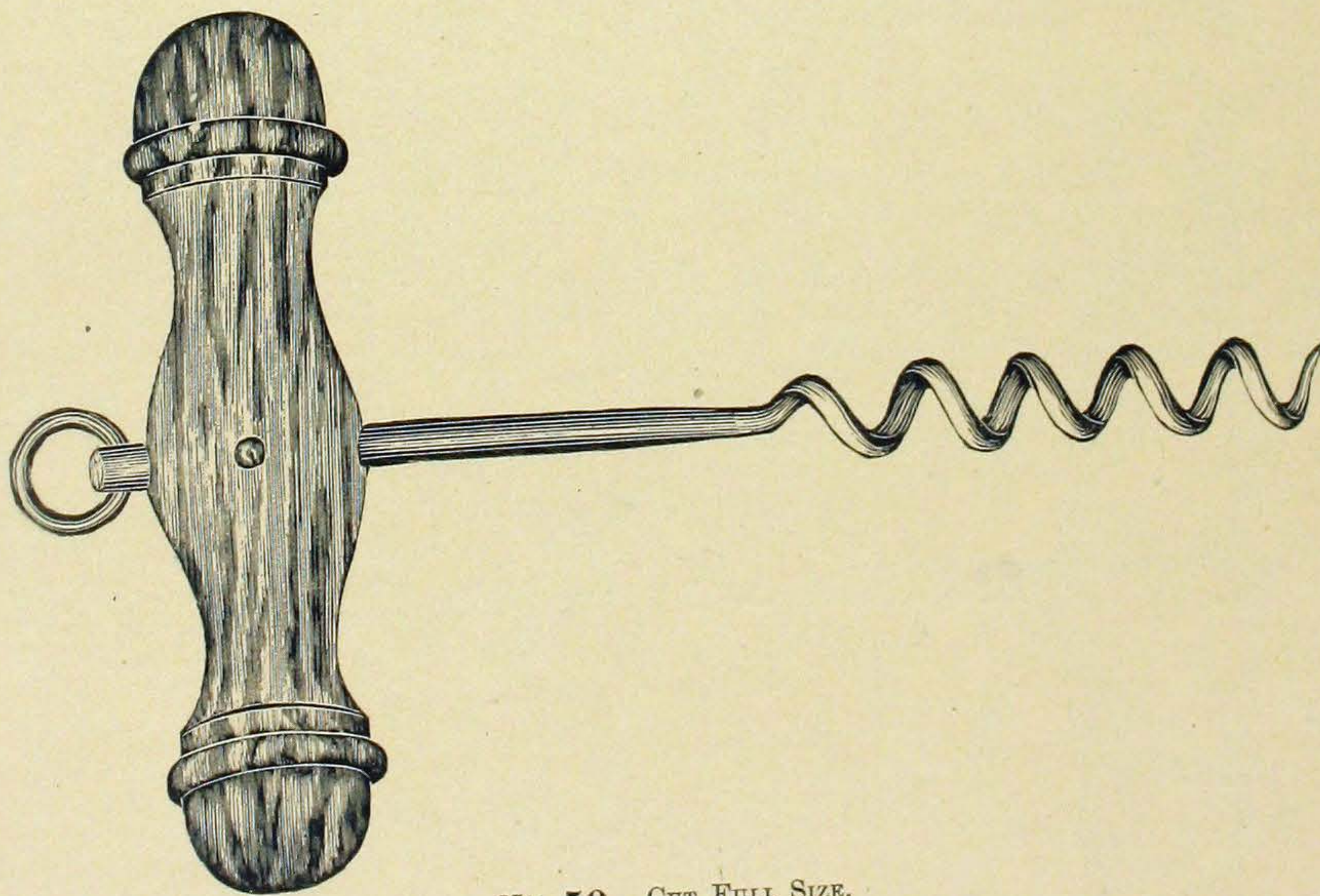
CUT FULL SIZE.



No. 250.

Above cuts show two styles cherry wood handle cork screws, each made in two sizes, steel screw, nickel plated.

No. 200. Small size,	per gross, \$8.00	No. 250. Small size,	per gross, \$8.00
" 200. Large size,	" 10.00	" 250. Large size,	" 10.00



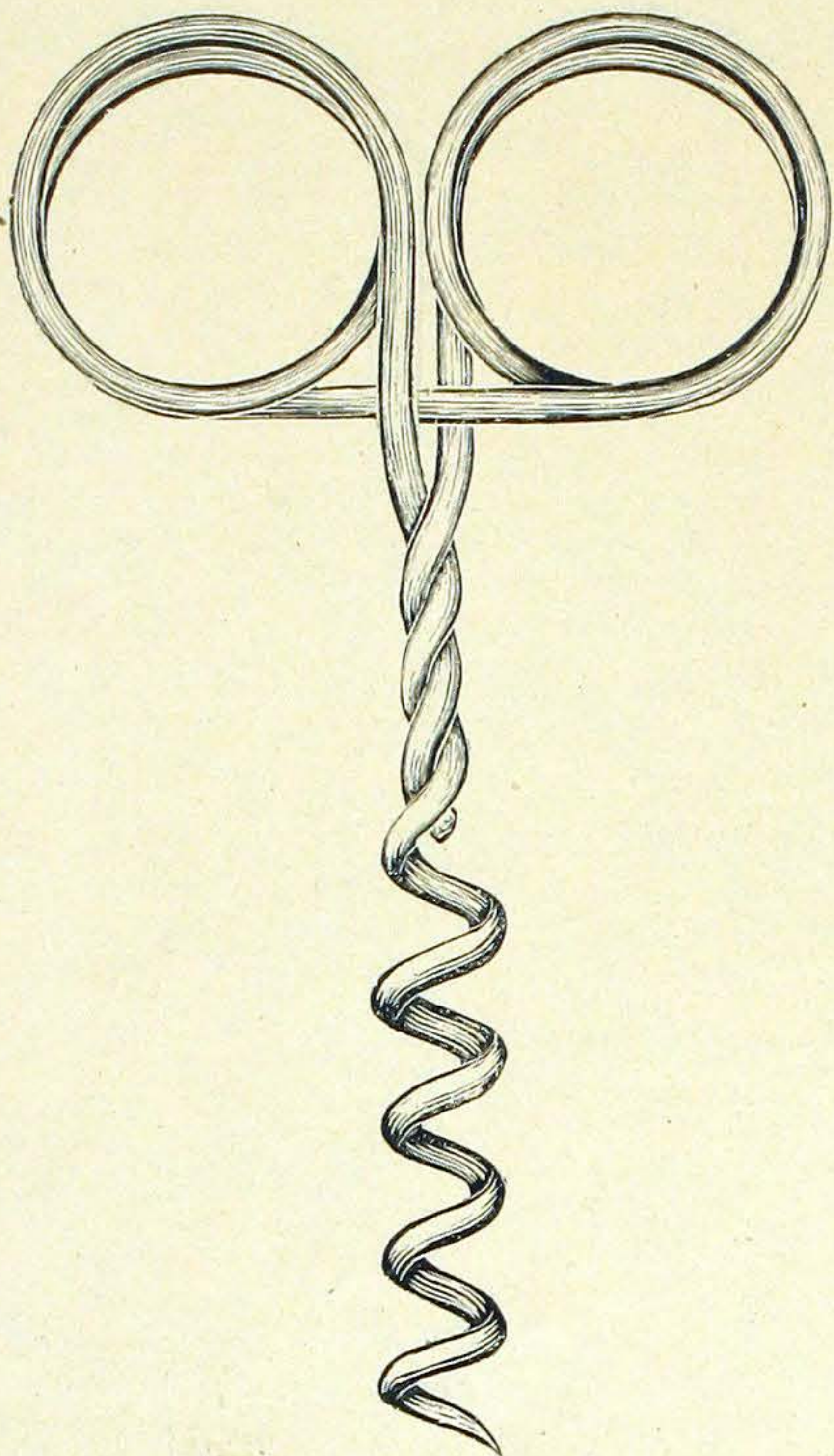
No. 50. CUT FULL SIZE.

Rosewood handle, steel screw, nickel plated, made in two sizes, on cards or boxed.

No. 50. Small size,
" 50. Large size,

per gross, \$16.00
" 18.00

Cut Full Size.

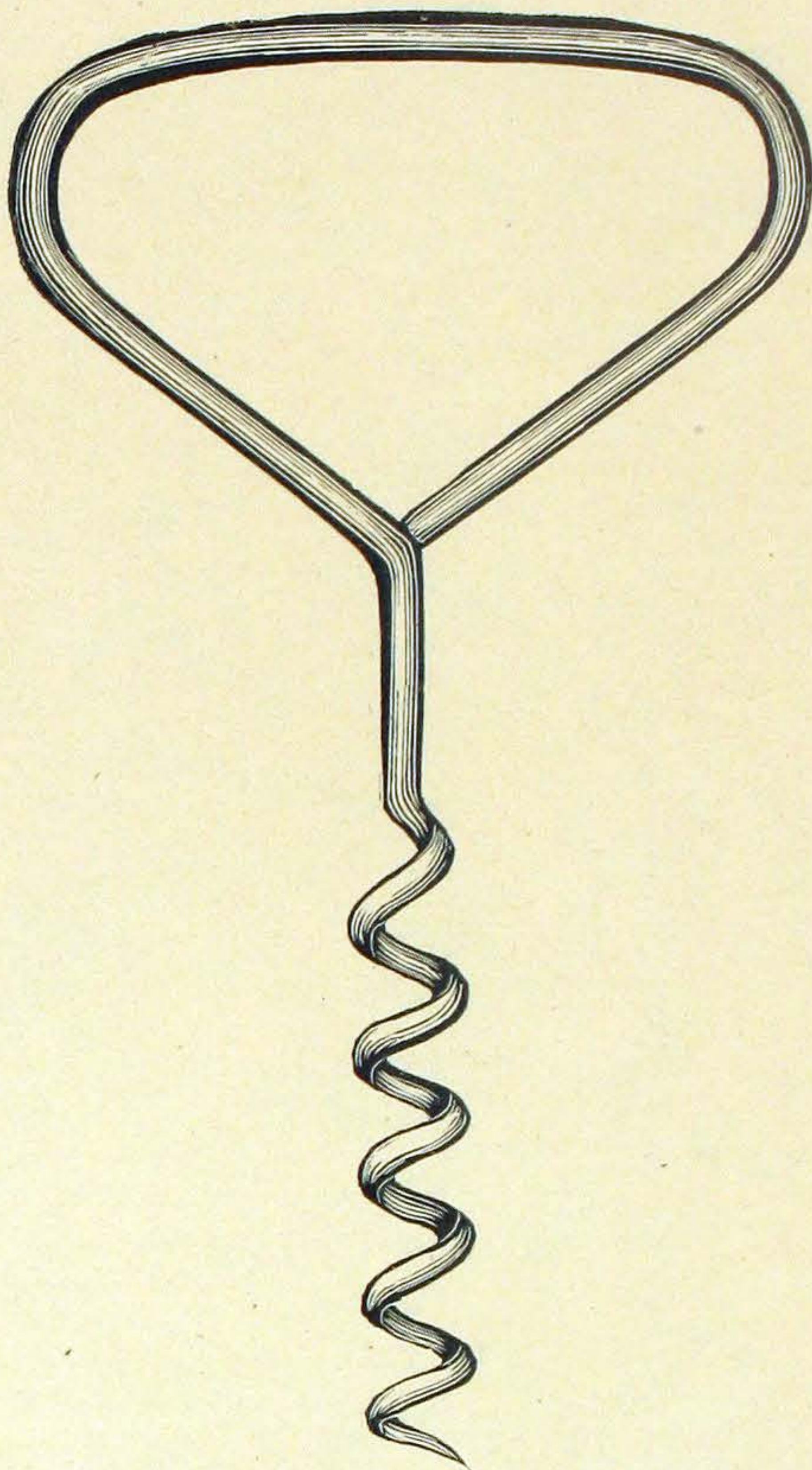


No. 275.

All steel wire corkscrew, nickel plated,
Two dozen in a box.

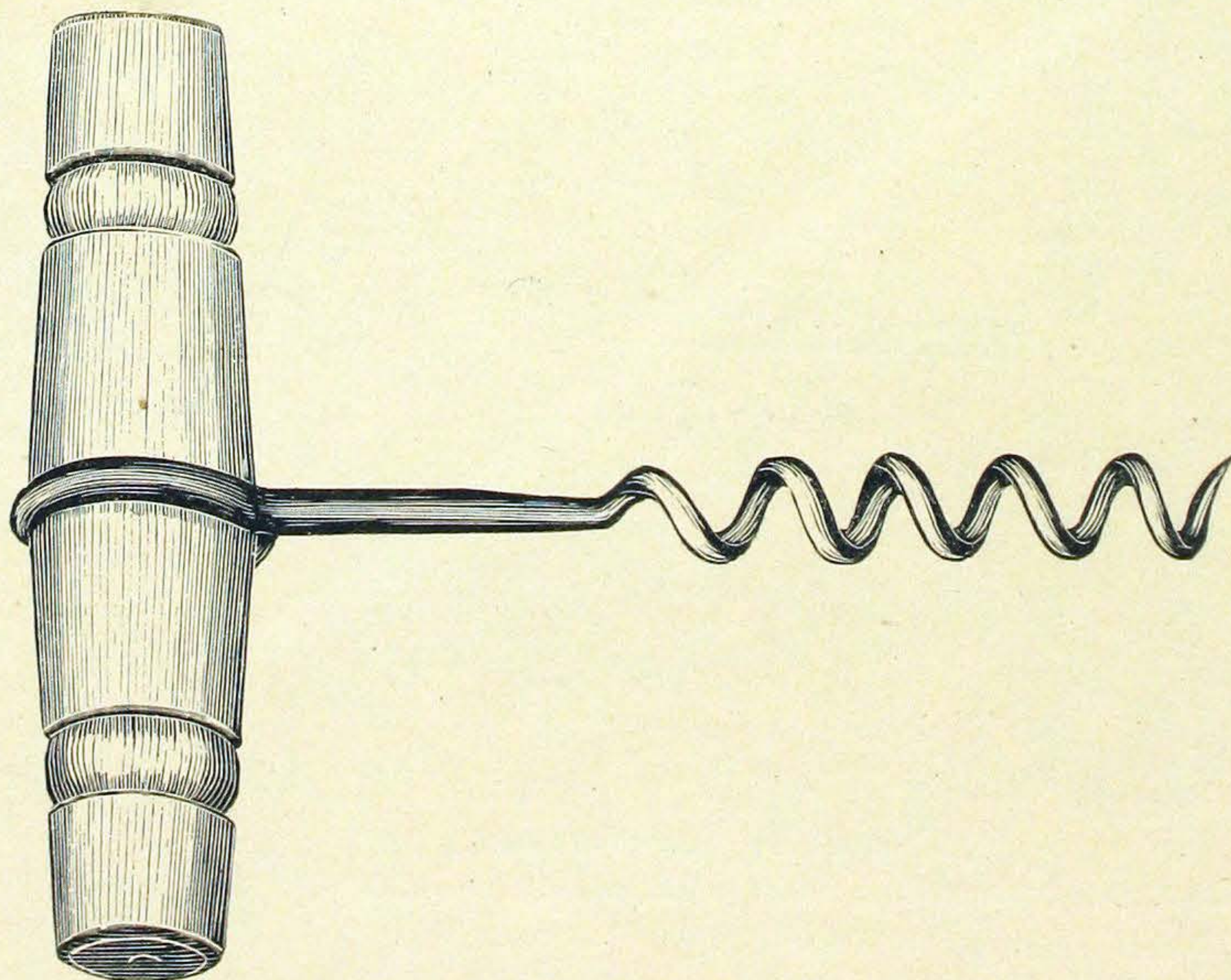
per gross, \$4.00

Cut Full Size.



No. 300.

Made of heavy steel wire, nickel or tinned, per gross, \$4.50
Two dozen in a box.



No. 400.

Steel screw, nickel plated, Birchwood handle, very strong and
durable, per gross, \$4.50

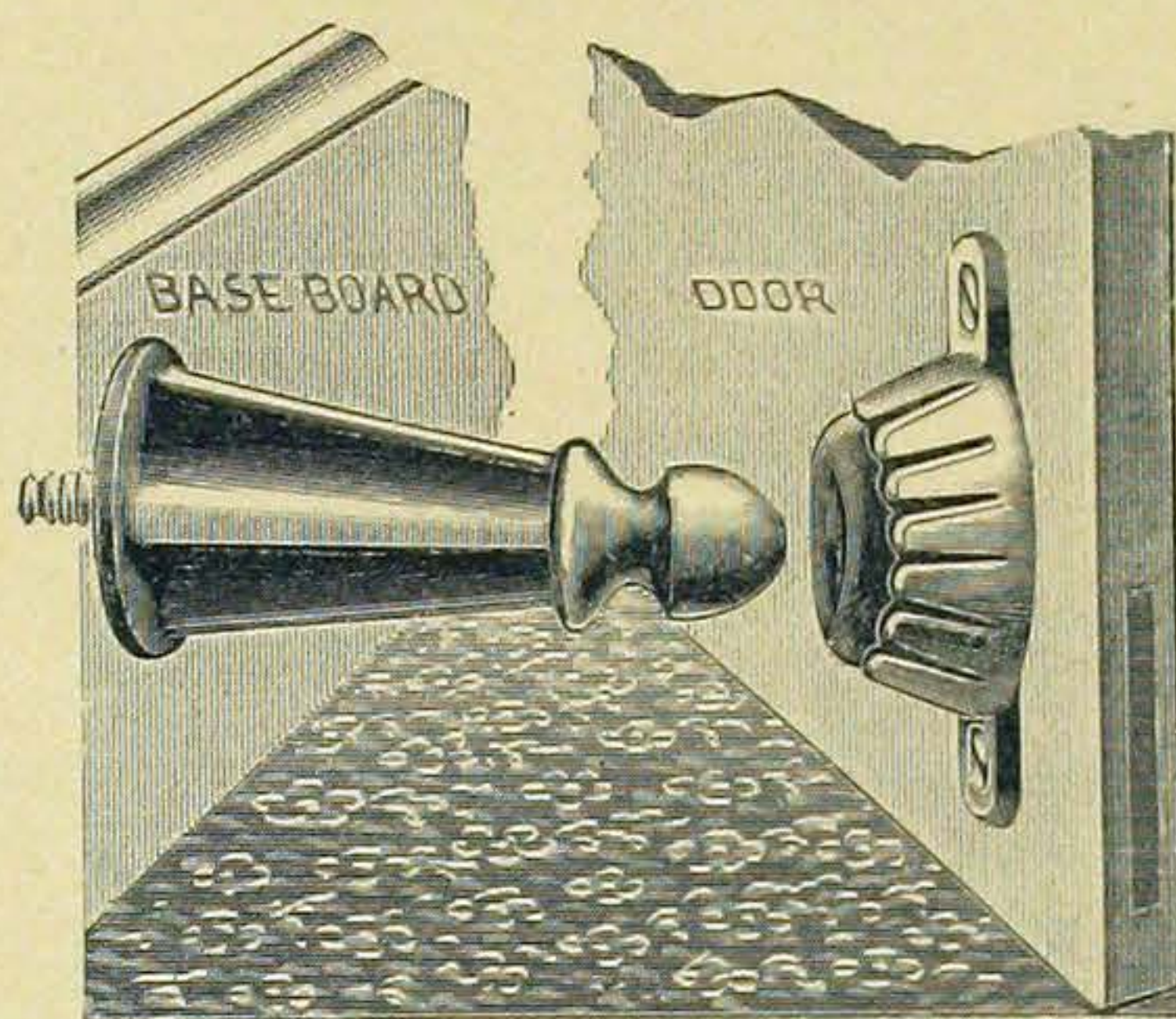
Two dozen in a box.

AGENTS FOR
KINSLEY & FRISBIE.

MANUFACTURERS OF THE

"Eureka" Combined Door Stop and Hold Back.

SIMPLE, CHEAP, EFFECTIVE, DURABLE, ORNAMENTAL.



PATENT PENDING.

PREVENTS THE SLAMMING OF DOORS AND MARRING OF WALLS.

Easily applied. The knob is screwed into the base-board, same as the ordinary wood base knob. The rosette is attached to the door with two screws, and the rubber bumper and hold-back is held securely in it by reason of its cone shape.

In swinging back the door, the rubber acts as a bumper in striking the base-knob. By a slight pressure against the door the acorn tip of the knob is pressed into the rubber ring and the door is effectually held back until released by a gentle pull of the door-knob.

DIRECTIONS FOR ATTACHING.—Place rubber ring in the rosette and screw to the door. Insert the acorn tip of knob in rubber ring, swing back the door till point of screw in knob strikes its proper position in the base, then screw knob to its shoulder.

PRICE LIST.

					per dozen, \$2.00
No. 100.	Wall attachment, iron, finished in Berlin bronze,				" 2.00
" 102.	" " " " maroon japan,				" 2.00
" 104.	" " " " black "				" 3.50
" 106.	" " " nickel plated,				" 5.00
" 108.	" " " finished brass, lacquered,				" 2.25
" 200.	Floor " " iron, finished in Berlin bronze,				" 2.25
" 202.	" " " " maroon japan,				" 2.25
" 204.	" " " " black "				" 3.75
" 206.	" " " nickel plated,				" 5.50
" 208.	" " " finished brass, lacquered,				